

<b>Routine check sheet</b> <b>Fire alarm system Check</b>						E&M form No. <span style="float: right;">EM-UT-006</span> Rev. <u>05</u> <span style="float: right;">Sheet <u>1</u> of <u>2</u></span>						
<b>Plant : <u>Casting Plant</u></b>												
<input checked="" type="checkbox"/> Monthly check <input type="checkbox"/> Six monthly check												
Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Tip Shop Room	Water Pump Room	Stack Room	Dross Room 1	Dross Room 2	Stack Room Damage						
Result	SD/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>	H/ R 50°C	H/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>							
2	Air Com. Room											
Result	SD/ <span style="color: blue;">G</span>											
3	Electrical Room 1	Electrical Room 2										
Result	SD/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>										
4	Technical Room 1	Technical Room 2	Technical Room 3	MDB. Charging room	Toilet Room							
Result	H/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>							
5	Material 1 Room	Material 2 Room	Material 2 Room									
Result	H/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>									
6	Front Tip Room	Front Dross Room	Front Elec. Room	Front Tec. Room	Loading Area	Front CRM1 Area 1	Front CRM1 Area 2	Back CSR1,2 Area				
Result	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>				
7	MDB1,2 Room											
Result	SD/ <span style="color: blue;">G</span>											
8	Ware house	Ware house										
Result	SD/ <span style="color: blue;">G</span>	TX/ <span style="color: blue;">G</span>										
Fire alarm Panel	Bell signal Test				Panel Condition							
	OK	-	Not OK	-	Retighten all terminal			-	Panel Cleaning		-	
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัปเดตสถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมามดู LED ว่าติด สว่างหรือไม่ ถ้าไขว่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ											
<b>Remarks :</b>												
<b>Plant : <u>Finishing Plant</u></b>												
Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Mech. shop	Mech. shop	Electrical shop	Shift room								
Result	SD/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>								
2	Women toilet	Men toilet	Light current room	MIS room	Frist aid room							
Result	H/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>	H/ <span style="color: blue;">G</span>							
3	Production room											
Result	SD/ <span style="color: blue;">G</span>											
4	Compress. room											
Result	SD/ <span style="color: blue;">G</span>											
5	Door to Casting	Front.Ele room	Door to office	Rolling shutter	Finish good area	XYB2	SAF1	FAF1	MDB.3 Room			
Result	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	B/ <span style="color: blue;">G</span>	SD/ <span style="color: blue;">G</span>			

<b>Routine check sheet</b> <b>Fire alarm system Check</b>					E&M form No. <u>EM-UT-006</u> Rev. <u>05</u> Sheet <u>1</u> of <u>2</u>									
<b>Plant : <u>Finishing Plant</u></b>														
Zone	Initiating device													
	1	2	3	4	5	6	7	8	9	10	11	12		
6	In plant side CTL1	In plant side CTL1	In plant side XYB	In plant side XYB										
Result	TX/	TX/	TX/	TX/										
7	Store room	Store room	E&MMMS office	E&MMMS office	Document room									
Result	SD/	SD/	H/	H/	H/									
8	training room	training room	Canteen room	Canteen room	E&MEMS room									
Result	SD/	SD/	H/	H/	H/									
9	MD office	Chairman office	FIN MGR	Personal off. room	Front switch room	Switch room	QMR&SHIP. office	Finace office	Finace office	Confer. room	Confer. room	Pantry Office		
Result	H/	H/	H/	H/	H/	H/	H/	H/	SD/	H/	H/	H/		
10	Meeting room A	Meeting room B												
Result	H/	H/												
11	Reception area	Reception area	Front account	Meeting room	Purchase room	Front MGR								
Result	SD/	SD/	SD/	SD/	SD/	SD/								
12	Reception area	Reception area												
Result	B/	B/												
Fire alarm Panel	Bell signal Test				Panel Condition									
	OK		Not OK		Retighten all terminal				Panel Cleaning					
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัศจรรย์สถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมาดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ													
<b>NOTE :</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>G = Good R = Revise</div> <div>SD = Smoke detector H = Heat detector</div> <div>B = Bell TX = Beam smoke detector</div> </div>														
<b>Remarks :</b> <u>Condition check and cleaning all</u>														
<b>Conclusion</b> <input checked="" type="checkbox"/> No need follow up <input type="checkbox"/> Need follow up as stated below														
Item	Description											Follow up by		
Electrical Technician&Engineer					Electrical Section Head					E&M Manager				
Prepared by: <u>Somkied</u> Date: <u>18-Jan-2022</u>					Checked by: <u>Pichet T.</u> Date: <u>20-Jan-22</u>					Approval by: <u>NIKON</u> Date: <u>20-Jan-22</u>				

<b>Routine check sheet</b>					E&M form No.		EM-UT-006	
<b>Fire alarm system Check</b>					Rev. 05		Sheet 1 of 2	

Plant : Casting Plant

<input checked="" type="checkbox"/> Monthly check <input type="checkbox"/> Six monthly check												
Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Tip Shop Room	Water Pump Room	Stack Room	Dross Room 1	Dross Room 2	Stack Room Damage						
Result	SD/ G	SD/ G	H/ R 50°C	H/ G	H/ G							
2	Air Com. Room											
Result	SD/ G											
3	Electrical Room 1	Electrical Room 2										
Result	SD/ G	SD/ G										
4	Technical Room 1	Technical Room 2	Technical Room 3	MDB. Charging room	Toilet Room							
Result	H/ G	H/ G	H/ G	SD/ G	H/ G							
5	Material 1 Room	Material 2 Room	Material 2 Room									
Result	H/ G	H/ G	H/ G									
6	Front Tip Room	Front Dross Room	Front Elec. Room	Front Tec. Room	Loading Area	Front CRM1 Area 1	Front CRM1 Area 2	Back CSR1,2 Area				
Result	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G				
7	MDB1,2 Room											
Result	SD/ G											
8	Ware house	Ware house										
Result	SD/ G	TX/ G										
Fire alarm Panel	Bell signal Test				Panel Condition							
	OK	-	Not OK	-	Retighten all terminal			-	Panel Cleaning		-	
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้โชว์สถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมามดู LED ว่าติด สว่างหรือไม่ ถ้าโชว์ ให้ไฟสีแดงหมายความว่า OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ											

Remarks :

Plant : Finishing Plant

Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Mech. shop	Mech. shop	Electrical shop	Shift room								
Result	SD/ G	SD/ G	SD/ G	SD/ G								
2	Women toilet	Men toilet	Light current room	MIS room	Frist aid room							
Result	H/ G	H/ G	SD/ G	H/ G	H/ G							
3	Production room											
Result	SD/ G											
4	Compress. room											
Result	SD/ G											
5	Door to Casting	Front.Ele room	Door to office	Rolling shutter	Finish good area	XYB2	SAF1	FAF1	MDB.3 Room			
Result	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	SD/ G			

<b>Routine check sheet</b> <b>Fire alarm system Check</b>					E&M form No. <u>EM-UT-006</u> Rev. <u>05</u> Sheet <u>1</u> of <u>2</u>									
<b>Plant : <u>Finishing Plant</u></b>														
Zone	Initiating device													
	1	2	3	4	5	6	7	8	9	10	11	12		
6	In plant side CTL1	In plant side CTL1	In plant side XYB	In plant side XYB										
Result	TX/	TX/	TX/	TX/										
7	Store room	Store room	E&MMMS office	E&MMMS office	Document room									
Result	SD/	SD/	H/	H/	H/									
8	training room	training room	Canteen room	Canteen room	E&MEMS room									
Result	SD/	SD/	H/	H/	H/									
9	MD office	Chairman office	FIN MGR	Personal off. room	Front switch room	Switch room	QMR&SHIP. office	Finace office	Finace office	Confer. room	Confer. room	Pantry Office		
Result	H/	H/	H/	H/	H/	H/	H/	H/	SD/	H/	H/	H/		
10	Meeting room A	Meeting room B												
Result	H/	H/												
11	Reception area	Reception area	Front account	Meeting room	Purchase room	Front MGR								
Result	SD/	SD/	SD/	SD/	SD/	SD/								
12	Reception area	Reception area												
Result	B/	B/												
Fire alarm Panel	Bell signal Test				Panel Condition									
	OK		Not OK		Retighten all terminal				Panel Cleaning					
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัศจรรย์สถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมาดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ													
<b>NOTE :</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>G = Good R = Revise</div> <div>SD = Smoke detector H = Heat detector</div> <div>B = Bell TX = Beam smoke detector</div> </div>														
<b>Remarks :</b> <u>Condition check and cleaning all</u>														
<b>Conclusion</b> <input checked="" type="checkbox"/> No need follow up <input type="checkbox"/> Need follow up as stated below														
Item	Description											Follow up by		
Electrical Technician&Engineer					Electrical Section Head					E&M Manager				
Prepared by: <u>Somkied</u> Date: <u>17-Feb-2022</u>					Checked by: <u>Pichet T.</u> Date: <u>21-Feb-22</u>					Approval by: <u>NIKON</u> Date: <u>25-Feb-22</u>				

Routine check sheet						E&M form No. EM-UT-006								
Fire alarm system Check						Rev. 05 Sheet 1 of 2								
Plant : <u>Casting Plant</u>														
<input checked="" type="checkbox"/> Monthly check <input type="checkbox"/> Six monthly check														
Zone	Initiating device													
	1	2	3	4	5	6	7	8	9	10	11	12		
1	Tip Shop Room	Water Pump Room	Stack Room	Dross Room 1	Dross Room 2	Stack Room Damage								
Result	SD/ G	SD/ G	H/ R 50°C	H/ G	H/ G									
2	Air Com. Room													
Result	SD/ G													
3	Electrical Room 1	Electrical Room 2												
Result	SD/ G	SD/ G												
4	Technical Room 1	Technical Room 2	Technical Room 3	MDB. Charging room	Toilet Room									
Result	H/ G	H/ G	H/ G	SD/ G	H/ G									
5	Material 1 Room	Material 2 Room	Material 2 Room											
Result	H/ G	H/ G	H/ G											
6	Front Tip Room	Front Dross Room	Front Elec. Room	Front Tec. Room	Loading Area	Front CRM1 Area 1	Front CRM1 Area 2	Back CSR1,2 Area						
Result	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G						
7	MDB1,2 Room													
Result	SD/ G													
8	Ware house	Ware house												
Result	SD/ G	TX/ G												
Fire alarm Panel	Bell signal Test				Panel Condition									
	OK	-	Not OK	-	Retighten all terminal				-	Panel Cleaning				-
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัปเดตสถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมามดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ													
Remarks :														
Plant : <u>Finishing Plant</u>														
Zone	Initiating device													
	1	2	3	4	5	6	7	8	9	10	11	12		
1	Mech. shop	Mech. shop	Electrical shop	Shift room										
Result	SD/ G	SD/ G	SD/ G	SD/ G										
2	Women toilet	Men toilet	Light current room	MIS room	Frist aid room									
Result	H/ G	H/ G	SD/ G	H/ G	H/ G									
3	Production room													
Result	SD/ G													
4	Compress. room													
Result	SD/ G													
5	Door to Casting	Front.Ele room	Door to office	Rolling shutter	Finish good area	XYB2	SAF1	FAF1	MDB.3 Room					
Result	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	SD/ G					

<b>Routine check sheet</b> <b>Fire alarm system Check</b>					E&M form No. <u>EM-UT-006</u> Rev. <u>05</u> Sheet <u>1</u> of <u>2</u>									
<b>Plant : <u>Finishing Plant</u></b>														
Zone	Initiating device													
	1	2	3	4	5	6	7	8	9	10	11	12		
6	In plant side CTL1	In plant side CTL1	In plant side XYB	In plant side XYB										
Result	TX/	TX/	TX/	TX/										
7	Store room	Store room	E&MMMS office	E&MMMS office	Document room									
Result	SD/	SD/	H/	H/	H/									
8	training room	training room	Canteen room	Canteen room	E&MEMS room									
Result	SD/	SD/	H/	H/	H/									
9	MD office	Chairman office	FIN MGR	Personal off. room	Front switch room	Switch room	QMR&SHIP. office	Finace office	Finace office	Confer. room	Confer. room	Pantry Office		
Result	H/	H/	H/	H/	H/	H/	H/	H/	SD/	H/	H/	H/		
10	Meeting room A	Meeting room B												
Result	H/	H/												
11	Reception area	Reception area	Front account	Meeting room	Purchase room	Front MGR								
Result	SD/	SD/	SD/	SD/	SD/	SD/								
12	Reception area	Reception area												
Result	B/	B/												
Fire alarm Panel	Bell signal Test				Panel Condition									
	OK		Not OK		Retighten all terminal				Panel Cleaning					
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัศจรรย์สถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมาดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ													
<b>NOTE :</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div>G = Good R = Revise</div> <div>SD = Smoke detector H = Heat detector</div> <div>B = Bell TX = Beam smoke detector</div> </div>														
<b>Remarks :</b> <u>Condition check and cleaning all</u>														
<b>Conclusion</b> <input checked="" type="checkbox"/> No need follow up <input type="checkbox"/> Need follow up as stated below														
Item	Description											Follow up by		
Electrical Technician&Engineer					Electrical Section Head					E&M Manager				
Prepared by: <u>Somkied</u> Date: <u>15-Mar-2022</u>					Checked by: <u>Pichet T.</u> Date: <u>16-Mar-22</u>					Approval by: <u>NIKON</u> Date: <u>18-Mar-22</u>				

<b>Routine check sheet</b>				E&M form No. <b>EM-UT-006</b>			
<b>Fire alarm system Check</b>				Rev. <u>05</u> Sheet <u>1</u> of <u>2</u>			

**Plant : Casting Plant**

<input checked="" type="checkbox"/> Monthly check <input type="checkbox"/> Six monthly check												
Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Tip Shop Room	Water Pump Room	Stack Room	Dross Room 1	Dross Room 2							
Result	SD/ <u>G</u>	SD/ <u>G</u>	H/ R 50°C	H/ <u>G</u>	H/ <u>G</u>							
2	Air Com. Room											
Result	SD/ <u>G</u>											
3	Electrical Room 1	Electrical Room 2										
Result	SD/ <u>G</u>	SD/ <u>G</u>										
4	Technical Room 1	Technical Room 2	Technical Room 3	MDB. Charging room	Toilet Room							
Result	H/ <u>G</u>	H/ <u>G</u>	H/ <u>G</u>	SD/ <u>G</u>	H/ <u>G</u>							
5	Material 1 Room	Material 2 Room	Material 2 Room									
Result	H/ <u>G</u>	H/ <u>G</u>	H/ <u>G</u>									
6	Front Tip Room	Front Dross Room	Front Elec. Room	Front Tec. Room	Loading Area	Front CRM1 Area 1	Front CRM1 Area 2	Back CSR1,2 Area				
Result	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>				
7	MDB1,2 Room											
Result	SD/ <u>G</u>											
8	Ware house	Ware house										
Result	SD/ <u>G</u>	TX/ <u>G</u>										
Fire alarm Panel	Bell signal Test				Panel Condition							
	OK	-	Not OK	-	Retighten all terminal			-	Panel Cleaning			-
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้โชว์สถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมามดู LED ว่าติด สว่างหรือไม่ ถ้าโชว์ ให้ไฟสีแดงหมายถึงถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ											

**Remarks :**


---



---



---



---

**Plant : Finishing Plant**

Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Mech. shop	Mech. shop	Electrical shop	Shift room								
Result	SD/ <u>G</u>	SD/ <u>G</u>	SD/ <u>G</u>	SD/ <u>G</u>								
2	Women toilet	Men toilet	Light current room	MIS room	Frist aid room							
Result	H/ <u>G</u>	H/ <u>G</u>	SD/ <u>G</u>	H/ <u>G</u>	H/ <u>G</u>							
3	Production room											
Result	SD/ <u>G</u>											
4	Compress. room											
Result	SD/ <u>G</u>											
5	Door to Casting	Front.Ele room	Door to office	Rolling shutter	Finish good area	XYB2	SAF1	FAF1	MDB.3 Room			
Result	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	SD/ <u>G</u>			

<b>Routine check sheet</b> <b>Fire alarm system Check</b>					E&M form No. <u>EM-UT-006</u> Rev. <u>05</u> Sheet <u>1</u> of <u>2</u>									
<b>Plant : <u>Finishing Plant</u></b>														
Zone	Initiating device													
	1	2	3	4	5	6	7	8	9	10	11	12		
6	In plant side CTL1	In plant side CTL1	In plant side XYB	In plant side XYB										
Result	TX/	TX/	TX/	TX/										
7	Store room	Store room	E&MMMS office	E&MMMS office	Document room									
Result	SD/	SD/	H/	H/	H/									
8	training room	training room	Canteen room	Canteen room	E&MEMS room									
Result	SD/	SD/	H/	H/	H/									
9	MD office	Chairman office	FIN MGR	Personal off. room	Front switch room	Switch room	QMR&SHIP. office	Finace office	Finace office	Confer. room	Confer. room	Pantry Office		
Result	H/	H/	H/	H/	H/	H/	H/	H/	SD/	H/	H/	H/		
10	Meeting room A	Meeting room B												
Result	H/	H/												
11	Reception area	Reception area	Front account	Meeting room	Purchase room	Front MGR								
Result	SD/	SD/	SD/	SD/	SD/	SD/								
12	Reception area	Reception area												
Result	B/	B/												
Fire alarm Panel	Bell signal Test				Panel Condition									
	OK		Not OK		Retighten all terminal				Panel Cleaning					
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัปเดตสถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมาดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ													
<p><b>NOTE :</b></p> <div style="display: flex; justify-content: space-between;"> <div> G = Good  R = Revise </div> <div> SD = Smoke detector  H = Heat detector </div> <div> B = Bell  TX = Beam smoke detector </div> </div>														
<b>Remarks :</b> <u>Condition check and cleaning all</u>														
<b>Conclusion</b> <input checked="" type="checkbox"/> No need follow up <input type="checkbox"/> Need follow up as stated below														
Item	Description											Follow up by		
Electrical Technician&Engineer					Electrical Section Head					E&M Manager				
Prepared by: <u>Somkied</u> Date: <u>12-Apr-2022</u>					Checked by: <u>Pichet T.</u> Date: <u>19-Apr-22</u>					Approval by: <u>NIKON</u> Date: <u>19-Apr-22</u>				



<b>Routine check sheet</b>				E&M form No. <b>EM-UT-006</b>			
<b>Fire alarm system Check</b>				Rev. <u>05</u> Sheet <u>1</u> of <u>2</u>			

Plant : Casting Plant

<input checked="" type="checkbox"/> Monthly check <input type="checkbox"/> Six monthly check												
Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Tip Shop Room	Water Pump Room	Stack Room	Dross Room 1	Dross Room 2							
Result	SD/ <u>G</u>	SD/ <u>G</u>	H/ R 50°C	H/ <u>G</u>	H/ <u>G</u>							
2	Air Com. Room											
Result	SD/ <u>G</u>											
3	Electrical Room 1	Electrical Room 2										
Result	SD/ <u>G</u>	SD/ <u>G</u>										
4	Technical Room 1	Technical Room 2	Technical Room 3	MDB. Charging room	Toilet Room							
Result	H/ <u>G</u>	H/ <u>G</u>	H/ <u>G</u>	SD/ <u>G</u>	H/ <u>G</u>							
5	Material 1 Room	Material 2 Room	Material 2 Room									
Result	H/ <u>G</u>	H/ <u>G</u>	H/ <u>G</u>									
6	Front Tip Room	Front Dross Room	Front Elec. Room	Front Tec. Room	Loading Area	Front CRM1 Area 1	Front CRM1 Area 2	Back CSR1,2 Area				
Result	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>				
7	MDB1,2 Room											
Result	SD/ <u>G</u>											
8	Ware house	Ware house										
Result	SD/ <u>G</u>	TX/ <u>G</u>										
Fire alarm Panel	Bell signal Test				Panel Condition							
	OK	-	Not OK	-	Retighten all terminal			-	Panel Cleaning			-
	<b>How to Test</b> <ol style="list-style-type: none"> <li>ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้โชว์สถานะการทำงานของ กระดิ่ง</li> <li>ดึงสัญญาณเตือนไฟไหม้ และกลับมามดู LED ว่าติด สว่างหรือไม่ ถ้าโชว์ ให้ไฟสีแดงหมายถึงถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark</li> <li>ต่อสายกลับคืนให้อยู่ในสภาพปกติ</li> </ol>											

Remarks :

---



---



---



---

Plant : Finishing Plant

Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
1	Mech. shop	Mech. shop	Electrical shop	Shift room								
Result	SD/ <u>G</u>	SD/ <u>G</u>	SD/ <u>G</u>	SD/ <u>G</u>								
2	Women toilet	Men toilet	Light current room	MIS room	Frist aid room							
Result	H/ <u>G</u>	H/ <u>G</u>	SD/ <u>G</u>	H/ <u>G</u>	H/ <u>G</u>							
3	Production room											
Result	SD/ <u>G</u>											
4	Compress. room											
Result	SD/ <u>G</u>											
5	Door to Casting	Front.Ele room	Door to office	Rolling shutter	Finish good area	XYB2	SAF1	FAF1	MDB.3 Room			
Result	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	B/ <u>G</u>	SD/ <u>G</u>			

Routine check sheet					E&M form No. EM-UT-006							
Fire alarm system Check					Rev. 05 Sheet 1 of 2							
Plant : <u>Finishing Plant</u>												
Zone	Initiating device											
	1	2	3	4	5	6	7	8	9	10	11	12
6	In plant side CTL1	In plant side CTL1	In plant side XYB	In plant side XYB								
Result	TX/	TX/	TX/	TX/								
7	Store room	Store room	E&MMMS office	E&MMMS office	Document room							
Result	SD/	SD/	H/	H/	H/							
8	training room	training room	Canteen room	Canteen room	E&MEMS room							
Result	SD/	SD/	H/	H/	H/							
9	MD office	Chairman office	FIN MGR	Personal off. room	Front switch room	Switch room	QMR&SHIP. office	Finace office	Finace office	Confer. room	Confer. room	Pantry Office
Result	H/	H/	H/	H/	H/	H/	H/	H/	SD/	H/	H/	H/
10	Meeting room A	Meeting room B										
Result	H/	H/										
11	Reception area	Reception area	Front account	Meeting room	Purchase room	Front MGR						
Result	SD/	SD/	SD/	SD/	SD/	SD/						
12	Reception area	Reception area										
Result	B/	B/										
Fire alarm Panel	Bell signal Test				Panel Condition							
	OK		Not OK		Retighten all terminal				Panel Cleaning			
	<b>How to Test</b>											
	1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อาศัยสถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมาดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ											
<b>NOTE :</b> G = Good                      SD = Smoke detector                      B = Bell R = Revise                      H = Heat detector                      TX = Beam smoke detector												
<b>Remarks :</b> <u>Condition check and cleaning all</u>												
<b>Conclusion</b> <input checked="" type="checkbox"/> No need follow up <input type="checkbox"/> Need follow up as stated below												
Item	Description											Follow up by
Electrical Technician&Engineer					Electrical Section Head				E&M Manager			
Prepared by: <u>Somkied</u> Date: <u>17-May-2022</u>					Checked by: <u>Pichet T.</u> Date: <u>24-May-22</u>				Approval by: <u>NIKON</u> Date: <u>24-May-22</u>			

<b>Routine check sheet</b>					E&M form No.		EM-UT-006	
<b>Fire alarm system Check</b>					Rev. 05		Sheet 1 of 2	

Plant : Casting Plant

<input checked="" type="checkbox"/> Monthly check		<input type="checkbox"/> Six monthly check											
Zone	Initiating device												
	1	2	3	4	5	6	7	8	9	10	11	12	
1	Tip Shop Room	Water Pump Room	Stack Room	Dross Room 1	Dross Room 2								
Result	SD/ G	SD/ G	H/ R 50°C	H/ G	H/ G								
2	Air Com. Room												
Result	SD/ G												
3	Electrical Room 1	Electrical Room 2											
Result	SD/ G	SD/ G											
4	Technical Room 1	Technical Room 2	Technical Room 3	MDB. Charging room	Toilet Room								
Result	H/ G	H/ G	H/ G	SD/ G	H/ G								
5	Material 1 Room	Material 2 Room	Material 2 Room										
Result	H/ G	H/ G	H/ G										
6	Front Tip Room	Front Dross Room	Front Elec. Room	Front Tec. Room	Loading Area	Front CRM1 Area 1	Front CRM1 Area 2	Back CSR1,2 Area					
Result	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G					
7	MDB1,2 Room												
Result	SD/ G												
8	Ware house	Ware house											
Result	SD/ G	TX/ G											
Fire alarm Panel	Bell signal Test					Panel Condition							
	OK	-	Not OK	-		Retighten all terminal		-	Panel Cleaning		-		
	<b>How to Test</b>												
	1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัปเดตสถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมามดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ												

Remarks :

---



---



---



---

Plant : Finishing Plant

Zone	Initiating device												
	1	2	3	4	5	6	7	8	9	10	11	12	
1	Mech. shop	Mech. shop	Electrical shop	Shift room									
Result	SD/ G	SD/ G	SD/ G	SD/ G									
2	Women toilet	Men toilet	Light current room	MIS room	Frist aid room								
Result	H/ G	H/ G	SD/ G	H/ G	H/ G								
3	Production room												
Result	SD/ G												
4	Compress. room												
Result	SD/ G												
5	Door to Casting	Front.Ele room	Door to office	Rolling shutter	Finish good area	XYB2	SAF1	FAF1	MDB.3 Room				
Result	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	B/ G	SD/ G				

<b>Routine check sheet</b> <b>Fire alarm system Check</b>					E&M form No. <u>EM-UT-006</u> Rev. <u>05</u> Sheet <u>1</u> of <u>2</u>									
<b>Plant : <u>Finishing Plant</u></b>														
Zone	Initiating device													
	1	2	3	4	5	6	7	8	9	10	11	12		
6	In plant side CTL1	In plant side CTL1	In plant side XYB	In plant side XYB										
Result	TX/	TX/	TX/	TX/										
7	Store room	Store room	E&MMMS office	E&MMMS office	Document room									
Result	SD/	SD/	H/	H/	H/									
8	training room	training room	Canteen room	Canteen room	E&MEMS room									
Result	SD/	SD/	H/	H/	H/									
9	MD office	Chairman office	FIN MGR	Personal off. room	Front switch room	Switch room	QMR&SHIP. office	Finace office	Finace office	Confer. room	Confer. room	Pantry Office		
Result	H/	H/	H/	H/	H/	H/	H/	H/	SD/	H/	H/	H/		
10	Meeting room A	Meeting room B												
Result	H/	H/												
11	Reception area	Reception area	Front account	Meeting room	Purchase room	Front MGR								
Result	SD/	SD/	SD/	SD/	SD/	SD/								
12	Reception area	Reception area												
Result	B/	B/												
Fire alarm Panel	Bell signal Test				Panel Condition									
	OK		Not OK		Retighten all terminal				Panel Cleaning					
	<b>How to Test</b> 1. ถอดสายสัญญาณของกระดิ่ง (สีแดง) และขันนอต LED ที่จะเอาไว้อัปเดตสถานะการทำงานของ กระดิ่ง 2. ดึงสัญญาณเตือนไฟไหม้ และกลับมาดู LED ว่าติด สว่างหรือไม่ ถ้าใช่ ให้ใส่เครื่องหมายถูกที่ OK ถ้าไม่ ที่ Not OK และเขียนลงที่ช่อง Remark 3. ต่อสายกลับคืนให้อยู่ในสภาพปกติ													
<b>NOTE :</b> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div> G = Good  R = Revise </div> <div> SD = Smoke detector  H = Heat detector </div> <div> B = Bell  TX = Beam smoke detector </div> </div>														
<b>Remarks :</b> <div style="border-bottom: 1px solid black; height: 20px; margin-top: 5px;"></div> <div style="border-bottom: 1px solid black; height: 20px; margin-top: 5px;"></div>														
<b>Conclusion</b> <input checked="" type="checkbox"/> No need follow up <input type="checkbox"/> Need follow up as stated below														
Item	Description											Follow up by		
Electrical Technician&Engineer					Electrical Section Head					E&M Manager				
Prepared by: <u>Somkied</u> Date: <u>28-Jun-2022</u>					Checked by: <u>Pichet T.</u> Date: <u>29-Jun-22</u>					Approval by: <u>NIKON</u> Date: <u>1-Jul-22</u>				

**Routine check**
**Fire Exit door**
**Plant:**

Casting Plant

**Machine Name:**

Emergency light (EPS1-LTG4)

E&amp;M form No.

FM-04-207

 Rev. 1 Sheet     of    
☒ Monthly    ☐ Three Month

Item	Description	Frame/Chang Condition	Cleaning frame	Lamp switch position	Lighting lamp	LED Indicator lamp			Function test			Uninterruptible Power Supply (UPS)1*		
						AC input	Charge	Charge full	Press test button	A.C.Input off	Light go on time	Condition/Status	Function Test 2*	
1	<b>CST-FED1</b> In front of CCM1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame condition	Back up time	
2	<b>CST-FED2</b> CSR1 Rear Shutter door	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> OK	..... Minutes	
3	<b>CST-FED3</b> Rear Roll Shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input type="checkbox"/> Not Ok		
4	<b>CST-FED4</b> Rear Cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame cleaning	Lighting lamp	
5	<b>CST-FED5</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> Clean	<input checked="" type="checkbox"/> On	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Not clean	<input type="checkbox"/> Not On	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		LED Indicator	LED Indicator	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> AVR Trim	<input type="checkbox"/> AVR Trim
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> On Line	<input type="checkbox"/> On Line
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> AVR Boost	<input type="checkbox"/> AVR Boost
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> Over load	<input type="checkbox"/> Over load
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> On Battery	<input type="checkbox"/> On Battery
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> Replace Batt.	<input type="checkbox"/> Replace Batt.
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			Battery level	Battery level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Load level	Load level	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %	

**Remarks:**
**Note:** 1\*Use for cold mill plant, 2\* Use for threely check

☒ To do cross line in square box.

**Electrical Technician**
**Electrical Engineer**
**Electrical Section Head**
**E&M Manager**
**Prepared by:** Somkiead
**Checked by:** Prempracha
**Preapproval by:** Pichet T.
**Approval by:** NIKON
**Date** 24-Jan-22
**Date** 24-Jan-22
**Date** 4-Feb-22
**Date** 3-Feb-22
Somkiead      3-Feb-22

**Routine check**
**Fire Exit door**
**Plant:**
Casting Plant
**Machine Name:**
Emergency light (EPS1-LTG4)

E&amp;M form No.

FM-04-207

Rev. 1 Sheet     of    
☒ Monthly    ☐ Three Month

Item	Description	Frame/Chang Condition	Cleaning frame	Lamp switch position	Lighting lamp	LED Indicator lamp			Function test			Uninterruptible Power Supply (UPS)1*		
						AC input	Charge	Charge full	Press test button	A.C.Input off	Light go on time	Condition/Status	Function Test 2*	
1	<b>CST-FED1</b> In front of CCM1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame condition	Back up time	
2	<b>CST-FED2</b> CSR1 Rear Shutter door	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> OK	..... Minutes	
3	<b>CST-FED3</b> Rear Roll Shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input type="checkbox"/> Not Ok		
4	<b>CST-FED4</b> Rear Cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame cleaning		Lighting lamp
5	<b>CST-FED5</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> Clean	<input checked="" type="checkbox"/> On	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Not clean	<input type="checkbox"/> Not On	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		LED Indicator	LED Indicator	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> AVR Trim	<input type="checkbox"/> AVR Trim
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> On Line	<input type="checkbox"/> On Line
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> AVR Boost	<input type="checkbox"/> AVR Boost
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> Over load	<input type="checkbox"/> Over load
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> On Battery	<input type="checkbox"/> On Battery
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> Replace Batt.	<input type="checkbox"/> Replace Batt.
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			Battery level	Battery level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off				
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Load level	Load level	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off				

Remarks:

Note: 1\*Use for cold mill plant, 2\* Use for threely check    ☒ To do cross line in square box.

Electrical Technician	Electrical Engineer	Electrical Section Head	E&M Manager
Prepared by: <u>Somkiead</u>	Checked by: <u>Somkiead</u>	Preapproval by: <u>Pichet T.</u>	Approval by: <u>NIKON</u>
Date: <u>07-Feb-22</u>	Date: <u>07-Feb-22</u>	Date: <u>12-Feb-22</u>	Date: <u>25-Feb-22</u>

**Routine check**
**Fire Exit door**
**Plant:**

Casting Plant

**Machine Name:**

Emergency light (EPS1-LTG4)

E&amp;M form No.

FM-04-207

 Rev. 1 Sheet     of    
☒ Monthly    ☐ Three Month

Item	Description	Frame/Chang Condition	Cleaning frame	Lamp switch position	Lighting lamp	LED Indicator lamp			Function test			Uninterruptible Power Supply (UPS)1*	
						AC input	Charge	Charge full	Press test button	A.C.Input off	Light go on time	Condition/Status	Function Test 2*
1	<b>CST-FED1</b> In front of CCM1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame condition	Back up time
2	<b>CST-FED2</b> CSR1 Rear Shutter door	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> OK	..... Minutes
3	<b>CST-FED3</b> Rear Roll Shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input type="checkbox"/> Not Ok	
4	<b>CST-FED4</b> Rear Cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame cleaning	Lighting lamp
5	<b>CST-FED5</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> Clean	<input checked="" type="checkbox"/> On
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Not clean	<input type="checkbox"/> Not On
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		LED Indicator	LED Indicator
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> AVR Trim	<input type="checkbox"/> AVR Trim
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> On Line	<input type="checkbox"/> On Line
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> AVR Boost	<input type="checkbox"/> AVR Boost
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Over load	<input type="checkbox"/> Over load
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> On Battery	<input type="checkbox"/> On Battery
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Replace Batt.	<input type="checkbox"/> Replace Batt.
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Battery level	Battery level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Load level	Load level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %

**Remarks:**

**Note:** 1\*Use for cold mill plant, 2\* Use for threely check    ☒ To do cross line in square box.

Electrical Technician	Electrical Engineer	Electrical Section Head	E&M Manager
Date <u>                    </u> <u>Somkiead</u> <u>08-Mar-22</u>	Checked by: <u>                    </u> <u>Somkiead</u> Date <u>                    </u> <u>08-Mar-22</u>	Preapproval by: <u>                    </u> <u>Pichet T.</u> Date <u>                    </u> <u>16-Mar-22</u>	Approval by: <u>                    </u> <u>NIKON</u> Date <u>                    </u> <u>18-Mar-22</u>

**Routine check**
**Fire Exit door**
**Plant:**

Casting Plant

**Machine Name:**

Emergency light (EPS1-LTG4)

E&amp;M form No.

FM-04-207

 Rev. 1 Sheet     of    
☒ Monthly    ☐ Three Month

Item	Description	Frame/Chang Condition	Cleaning frame	Lamp switch position	Lighting lamp	LED Indicator lamp			Function test			Uninterruptible Power Supply (UPS)1*	
						AC input	Charge	Charge full	Press test button	A.C.Input off	Light go on time	Condition/Status	Function Test 2*
1	<b>CST-FED1</b> In front of CCM1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame condition	Back up time
2	<b>CST-FED2</b> CSR1 Rear Shutter door	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> OK	..... Minutes
3	<b>CST-FED3</b> Rear Roll Shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input type="checkbox"/> Not Ok	
4	<b>CST-FED4</b> Rear Cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame cleaning	Lighting lamp
5	<b>CST-FED5</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> Clean	<input checked="" type="checkbox"/> On
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Not clean	<input type="checkbox"/> Not On
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		LED Indicator	LED Indicator
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> AVR Trim	<input type="checkbox"/> AVR Trim
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> On Line	<input type="checkbox"/> On Line
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> AVR Boost	<input type="checkbox"/> AVR Boost
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Over load	<input type="checkbox"/> Over load
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> On Battery	<input type="checkbox"/> On Battery
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Replace Batt.	<input type="checkbox"/> Replace Batt.
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Battery level	Battery level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Load level	Load level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			

**Remarks:**
**Note:** 1\*Use for cold mill plant, 2\* Use for threely check

☒ To do cross line in square box.

**Electrical Technician**
**Electrical Engineer**
**Electrical Section Head**
**E&M Manager**

 Date Somkiead  
02-Apr-22

 Checked by: Somkiead  
 Date 06-Apr-22

 Preapproval by: Pichet T.  
 Date 8-Apr-22

 Approval by: NIKON  
 Date 9-Apr-22



**Routine check**
**Fire Exit door**
**Plant:**

Casting Plant

**Machine Name:**

Emergency light (EPS1-LTG4)

E&amp;M form No.

FM-04-207

 Rev. 1 Sheet     of    
☒ Monthly    ☐ Three Month

Item	Description	Frame/Chang Condition	Cleaning frame	Lamp switch position	Lighting lamp	LED Indicator lamp			Function test			Uninterruptible Power Supply (UPS)1*		
						AC input	Charge	Charge full	Press test button	A.C.Input off	Light go on time	Condition/Status	Function Test 2*	
1	<b>CST-FED1</b> In front of CCM1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame condition	Back up time	
2	<b>CST-FED2</b> CSR1 Rear Shutter door	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> OK	..... Minutes	
3	<b>CST-FED3</b> Rear Roll Shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input type="checkbox"/> Not Ok		
4	<b>CST-FED4</b> Rear Cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame cleaning	Lighting lamp	
5	<b>CST-FED5</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> Clean	<input checked="" type="checkbox"/> On	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Not clean	<input type="checkbox"/> Not On	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		LED Indicator	LED Indicator	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> AVR Trim	<input type="checkbox"/> AVR Trim
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> On Line	<input type="checkbox"/> On Line
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> AVR Boost	<input type="checkbox"/> AVR Boost
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> Over load	<input type="checkbox"/> Over load
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> On Battery	<input type="checkbox"/> On Battery
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			<input type="checkbox"/> Replace Batt.	<input type="checkbox"/> Replace Batt.
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off			Battery level	Battery level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Load level	Load level	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %	

**Remarks:**

**Note:** 1\*Use for cold mill plant, 2\* Use for threely check    ☒ To do cross line in square box.

Electrical Technician	Electrical Engineer	Electrical Section Head	E&M Manager
<div>Somkiead</div> <div>Date</div> <div>11-May-22</div>	<div>Checked by: Somkiead</div> <div>Date</div> <div>11-May-22</div>	<div>Preapproval by: Pichet T.</div> <div>Date</div> <div>24-May-22</div>	<div>Approval by: NIKON</div> <div>Date</div> <div>24-May-22</div>

**Routine check**
**Fire Exit door**
**Plant:**
Casting Plant
**Machine Name:**
Emergency light (EPS1-LTG4)

E&amp;M form No.

FM-04-207

Rev. 1 Sheet     of    
☒ Monthly    ☐ Three Month

Item	Description	Frame/Chang Condition	Cleaning frame	Lamp switch position	Lighting lamp	LED Indicator lamp			Function test			Uninterruptible Power Supply (UPS)1*	
						AC input	Charge	Charge full	Press test button	A.C.Input off	Light go on time	Condition/Status	Function Test 2*
1	<b>CST-FED1</b> In front of CCM1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame condition	Back up time
2	<b>CST-FED2</b> CSR1 Rear Shutter door	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> OK	..... Minutes
3	<b>CST-FED3</b> Rear Roll Shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input type="checkbox"/> Not Ok	
4	<b>CST-FED4</b> Rear Cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	Frame cleaning	Lighting lamp
5	<b>CST-FED5</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> On <input type="checkbox"/> Off	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not on	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Test OK	<input checked="" type="checkbox"/> Clean	<input checked="" type="checkbox"/> On
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Not clean	<input type="checkbox"/> Not On
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		LED Indicator	LED Indicator
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> AVR Trim	<input type="checkbox"/> AVR Trim
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> On Line	<input type="checkbox"/> On Line
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> AVR Boost	<input type="checkbox"/> AVR Boost
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Over load	<input type="checkbox"/> Over load
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> On Battery	<input type="checkbox"/> On Battery
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		<input type="checkbox"/> Replace Batt.	<input type="checkbox"/> Replace Batt.
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Battery level	Battery level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		Load level	Load level
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> On <input type="checkbox"/> Off	<input type="checkbox"/> On <input type="checkbox"/> Not on	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		_____ %	_____ %

**Remarks:**
**Note:** 1\*Use for cold mill plant, 2\* Use for threely check

☒ To do cross line in square box.

**Electrical Technician**
**Electrical Engineer**
**Electrical Section Head**
**E&M Manager**

Somkiead  
**Date** 07-Jun-22

**Checked by:** Somkiead  
**Date** 07-Jun-22

**Preapproval by:** Pichet T.  
**Date** 13-Jun-22

**Approval by:** NIKON  
**Date** 14-Jun-22

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

Machine Name:

Emergency light as cold mill

E&amp;M form No.

FM-04-190

 Rev. 3 Sheet 1 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	Mill Area 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
2	Mill Area 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
3	Mill Area 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
4	Mill Area 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
5	Mill Area 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
6	Mill Area 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
7	Mill Area 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
8	Electrical room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
9	Electrical room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
10	Electrical room 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
11	Electrical room 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
12	Electrical room 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
13	Electrical room 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
14	Electrical room 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

Remarks :

 Note: Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician	Electrical Engineer	Electrical Section Head	E&M Manager
Prepared by: <u>Akachai / Somkiead</u>	Checked by: <u>Somkiead</u>	Preapproval by: <u>Pichet T.</u>	Approval by: <u>NIKON</u>
Date: <u>26-Jan-22</u>	Date: <u>27-Jan-22</u>	Date: <u>28-Jan-22</u>	Date: <u>03-Feb-22</u>

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 2 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
15	Electrical room 08 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
16	Electrical room 09 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
17	Electrical room 10 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
18	Electrical room 11 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
19	Operator room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
20	Main Trench 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
21	Main Trench 02 Emergency lighting	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
22	Main Trench 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
23	Oil cellar 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
24	Oil cellar 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
25	Oil cellar 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	Battery 100%
26	Oil cellar 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
27	Oil cellar 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
28	Oil cellar 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai / Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Aapproval by: <u>NIKON</u>	
Date: <u>26-Jan-22</u>		Date: <u>27-Jan-22</u>		Date: <u>28-Jan-22</u>		Date: <u>03-Feb-22</u>	

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 3 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test			
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time	
29	Oil cellar 07 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
30	Oil cellar 08 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
31	CO2 Storage room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
32	CO2 Storage room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai / Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>26-Jan-22</u>		Date: <u>27-Jan-22</u>		Date: <u>28-Jan-22</u>		Date: <u>03-Feb-22</u>	

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

Machine Name:

Emergency light as cold mill

E&amp;M form No.

FM-04-190

Rev. 3 Sheet 1 of 3

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	Mill Area 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
2	Mill Area 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
3	Mill Area 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
4	Mill Area 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
5	Mill Area 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
6	Mill Area 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
7	Mill Area 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
8	Electrical room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
9	Electrical room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
10	Electrical room 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
11	Electrical room 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
12	Electrical room 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
13	Electrical room 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
14	Electrical room 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

Remarks :

Note: Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician	Electrical Engineer	Electrical Section Head	E&M Manager
Prepared by: <u>Akachai / Somkiead</u>	Checked by: <u>Somkiead</u>	Preapproval by: <u>Pichet T.</u>	Approval by: <u>NIKON</u>
Date: <u>22-Feb-22</u>	Date: <u>22-Feb-22</u>	Date: <u>25-Feb-22</u>	Date: <u>25-Feb-22</u>

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 2 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
15	Electrical room 08 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
16	Electrical room 09 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off
17	Electrical room 10 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
18	Electrical room 11 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
19	Operator room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
20	Main Trench 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off
21	Main Trench 02 Emergency lighting	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off
22	Main Trench 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
23	Oil cellar 01 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
24	Oil cellar 02 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
25	Oil cellar 03 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off
26	Oil cellar 04 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
27	Oil cellar 05 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off
28	Oil cellar 06 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai / Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Aapproval by: <u>NIKON</u>	
Date: <u>22-Feb-22</u>		Date: <u>22-Feb-22</u>		Date: <u>25-Feb-22</u>		Date: <u>25-Feb-22</u>	



**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 3 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test			
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time	
29	Oil cellar 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
30	Oil cellar 08 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
31	CO2 Storage room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
32	CO2 Storage room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai / Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>22-Feb-22</u>		Date: <u>22-Feb-22</u>		Date: <u>25-Feb-22</u>		Date: <u>25-Feb-22</u>	



**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

Machine Name:

Emergency light as cold mill

E&amp;M form No.

FM-04-190

Rev. 3 Sheet 1 of 3

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	Mill Area 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
2	Mill Area 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
3	Mill Area 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
4	Mill Area 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
5	Mill Area 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
6	Mill Area 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
7	Mill Area 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
8	Electrical room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
9	Electrical room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
10	Electrical room 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
11	Electrical room 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
12	Electrical room 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
13	Electrical room 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
14	Electrical room 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

Remarks :

 Note: Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician	Electrical Engineer	Electrical Section Head	E&M Manager
Prepared by: <u>Akachai / Somkiead</u>	Checked by: <u>Somkiead</u>	Preapproval by: <u>Pichet T.</u>	Approval by: <u>NIKON</u>
Date: <u>21-Mar-22</u>	Date: <u>21-Mar-22</u>	Date: <u>30-Mar-22</u>	Date: <u>30-Mar-22</u>

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 2 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
15	Electrical room 08 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
16	Electrical room 09 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
17	Electrical room 10 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
18	Electrical room 11 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
19	Operator room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
20	Main Trench 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
21	Main Trench 02 Emergency lighting	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
22	Main Trench 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
23	Oil cellar 01 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
24	Oil cellar 02 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
25	Oil cellar 03 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	Battery 100%
26	Oil cellar 04 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
27	Oil cellar 05 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
28	Oil cellar 06 Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai / Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Aapproval by: <u>NIKON</u>	
Date: <u>21-Mar-22</u>		Date: <u>21-Mar-22</u>		Date: <u>30-Mar-22</u>		Date: <u>30-Mar-22</u>	

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 3 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test			
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time	
29	Oil cellar 07 Emergency lighting	<input checked="" type="checkbox"/> OK <span>Use UPS</span> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
30	Oil cellar 08 Emergency lighting	<input checked="" type="checkbox"/> OK <span>Use UPS</span> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
31	CO2 Storage room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
32	CO2 Storage room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by:	<u>Akachai / Somkiead</u>	Checked by:	<u>Somkiead</u>	Preapproval by:	<u>Pichet T.</u>	Approval by:	<u>NIKON</u>
Date	<u>21-Mar-22</u>	Date	<u>21-Mar-22</u>	Date	<u>30-Mar-22</u>	Date	<u>30-Mar-22</u>

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

Machine Name:

Emergency light as cold mill

E&amp;M form No.

FM-04-190

Rev. 3 Sheet 1 of 3

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	Mill Area 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
2	Mill Area 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
3	Mill Area 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
4	Mill Area 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
5	Mill Area 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
6	Mill Area 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
7	Mill Area 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
8	Electrical room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
9	Electrical room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
10	Electrical room 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
11	Electrical room 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
12	Electrical room 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
13	Electrical room 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
14	Electrical room 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

Remarks :

 Note: Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician	Electrical Engineer	Electrical Section Head	E&M Manager
Prepared by: <u>Akachai / Somkiead</u>	Checked by: <u>Somkiead</u>	Preapproval by: <u>Pichet T.</u>	Approval by: <u>NIKON</u>
Date: <u>30-Apr-22</u>	Date: <u>04-May-22</u>	Date: <u>05-May-22</u>	Date: <u>07-May-22</u>

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 2 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
15	Electrical room 08 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
16	Electrical room 09 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
17	Electrical room 10 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
18	Electrical room 11 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
19	Operator room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
20	Main Trench 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
21	Main Trench 02 Emergency lighting	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
22	Main Trench 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
23	Oil cellar 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
24	Oil cellar 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
25	Oil cellar 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	Battery 100%
26	Oil cellar 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
27	Oil cellar 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
28	Oil cellar 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai / Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>30-Apr-22</u>		Date: <u>04-May-22</u>		Date: <u>05-May-22</u>		Date: <u>07-May-22</u>	

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 3 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test			
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time	
29	Oil cellar 07 Emergency lighting	<input checked="" type="checkbox"/> OK <span>Use UPS</span> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
30	Oil cellar 08 Emergency lighting	<input checked="" type="checkbox"/> OK <span>Use UPS</span> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
31	CO2 Storage room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
32	CO2 Storage room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai / Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>30-Apr-22</u>		Date: <u>04-May-22</u>		Date: <u>05-May-22</u>		Date: <u>07-May-22</u>	

**Routine check**
**Emergency lighting**
**Plant:**

Casting Plant

**Machine Name:**

Emergency light as cold mill

E&amp;M form No.

FM-04-190

Rev. 3 Sheet 1 of 3
☒ Monthly    ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	Mill Area 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
2	Mill Area 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
3	Mill Area 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
4	Mill Area 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
5	Mill Area 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
6	Mill Area 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
7	Mill Area 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
8	Electrical room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
9	Electrical room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
10	Electrical room 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
11	Electrical room 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
12	Electrical room 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
13	Electrical room 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
14	Electrical room 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

Remarks :

**Note:** Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>05-May-22</u>		Date: <u>09-May-22</u>		Date: <u>10-May-22</u>		Date: <u>10-May-22</u>	



**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 2 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
15	Electrical room 08 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
16	Electrical room 09 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
17	Electrical room 10 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
18	Electrical room 11 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
19	Operator room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
20	Main Trench 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
21	Main Trench 02 Emergency lighting	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
22	Main Trench 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
23	Oil cellar 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
24	Oil cellar 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
25	Oil cellar 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	Battery 100%
26	Oil cellar 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
27	Oil cellar 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
28	Oil cellar 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Aapproval by: <u>NIKON</u>	
Date: <u>05-May-22</u>		Date: <u>09-May-22</u>		Date: <u>10-May-22</u>		Date: <u>10-May-22</u>	



**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 3 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test			
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time	
29	Oil cellar 07 Emergency lighting	<input checked="" type="checkbox"/> OK <span>Use UPS</span> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
30	Oil cellar 08 Emergency lighting	<input checked="" type="checkbox"/> OK <span>Use UPS</span> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
31	CO2 Storage room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
32	CO2 Storage room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by:	<u>Akachai</u>	Checked by:	<u>Somkiead</u>	Preapproval by:	<u>Pichet T.</u>	Approval by:	<u>NIKON</u>
Date	<u>05-May-22</u>	Date	<u>09-May-22</u>	Date	<u>10-May-22</u>	Date	<u>10-May-22</u>

**Routine check**
**Emergency lighting**
**Plant:**

Casting Plant

**Machine Name:**

Emergency light as cold mill

E&amp;M form No.

FM-04-190

Rev. 3 Sheet 1 of 3
☒ Monthly    ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	Mill Area 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
2	Mill Area 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
3	Mill Area 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
4	Mill Area 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
5	Mill Area 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
6	Mill Area 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
7	Mill Area 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
8	Electrical room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Repaired
9	Electrical room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
10	Electrical room 03 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
11	Electrical room 04 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
12	Electrical room 05 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
13	Electrical room 06 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
14	Electrical room 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

Remarks :

**Note:** Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>03-Jun-22</u>		Date: <u>06-Jun-22</u>		Date: <u>08-Jun-22</u>		Date: <u>08-Jun-22</u>	

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 2 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
15	<b>Electrical room 08</b> Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
16	<b>Electrical room 09</b> Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
17	<b>Electrical room 10</b> Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
18	<b>Electrical room 11</b> Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
19	<b>Operator room 01</b> Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
20	<b>Main Trench 01</b> Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
21	<b>Main Trench 02</b> Emergency lighting	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	
22	<b>Main Trench 03</b> Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
23	<b>Oil cellar 01</b> Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
24	<b>Oil cellar 02</b> Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
25	<b>Oil cellar 03</b> Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	Battery 100%
26	<b>Oil cellar 04</b> Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
27	<b>Oil cellar 05</b> Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%
28	<b>Oil cellar 06</b> Emergency lighting	<input checked="" type="checkbox"/> OK <b>Use UPS</b> <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Akachai</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Aapproval by: <u>NIKON</u>	
Date: <u>03-Jun-22</u>		Date: <u>06-Jun-22</u>		Date: <u>08-Jun-22</u>		Date: <u>08-Jun-22</u>	

**Routine check**  
**Emergency lighting**

Plant: Casting Plant  
Machine Name: Emergency light as cold mill

E&amp;M form No. FM-04-190

Rev. 3 Sheet 3 of 3
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test			
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time	
29	Oil cellar 07 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
30	Oil cellar 08 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Battery 100%	
31	CO2 Storage room 01 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
32	CO2 Storage room 02 Emergency lighting	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off		

**Remarks :**
**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by:	<u>Akachai</u>	Checked by:	<u>Somkiead</u>	Preapproval by:	<u>Pichet T.</u>	Approval by:	<u>NIKON</u>
Date	<u>03-Jun-22</u>	Date	<u>06-Jun-22</u>	Date	<u>08-Jun-22</u>	Date	<u>08-Jun-22</u>

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet \_\_\_ of \_\_\_

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp						Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time	
1	CST-EML1 Front loading bay	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
2	CST-EML2 Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
3	CST-EML3 Front technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
4	CST-EML4 Electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
5	CST-EML5 Front electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
6	CST-EML6 Electrical room2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
7	CST-EML7 Front dross room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
8	CST-EML8 Front pump room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
9	CST-EML9 Back caster 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
10	CST-EML10 Back roll shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
11	CST-EML11 Back cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
12	CST-EML12 Front cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
13	CST-EML13 MDB1,2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
14	CST-EML14 HFE1 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
15	CST-EML15 CSR1 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input checked="" type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
16	CST-EML16 CSR1 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	
17	CST-EML17 HFE2 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK	

Remarks :

**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

Machine Name:

Emergency light (EPS1-LTG4)

E&amp;M form No.

FM-04-190

Rev. 3 Sheet     of    
☒ Monthly    ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test			
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
18	CST-EML18 CSR2 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
19	CST-EML19 CSR2 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
20	CST-EML20 Front Dross Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
21	CST-EML21 Caster toilet	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
22	CST-EML22 Fire Pump	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
23	CST-EML23 HFE2 Tansfer Launder	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
24	CST-EML24 Warehouse Dry Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK

Remarks :

**Note:** Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Prempracha</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date <u>02-Jan-22</u>		Date <u>03-Feb-22</u>		Date <u>4-Feb-22</u>		Date <u>03-Feb-22</u>	
FM-04-190						Rev.03 / 01 Nov 16	

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 1 of 2

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	<b>CST-EML1</b> Front loading bay	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
2	<b>CST-EML2</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
3	<b>CST-EML3</b> Front technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
4	<b>CST-EML4</b> Electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
5	<b>CST-EML5</b> Front electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
6	<b>CST-EML6</b> Electrical room2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
7	<b>CST-EML7</b> Front dross room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
8	<b>CST-EML8</b> Front pump room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
9	<b>CST-EML9</b> Back caster 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
10	<b>CST-EML10</b> Back roll shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
11	<b>CST-EML11</b> Back cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
12	<b>CST-EML12</b> Front cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
13	<b>CST-EML13</b> MDB1,2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
14	<b>CST-EML14</b> HFE1 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Not OK
15	<b>CST-EML15</b> CSR1 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
16	<b>CST-EML16</b> CSR1 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
17	<b>CST-EML17</b> HFE2 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK

**Remarks :**
**Note:** Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.



**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 2 of 2
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
18	CST-EML18 CSR2 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
19	CST-EML19 CSR2 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
20	CST-EML20 Front Dross Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
21	CST-EML21 Caster toilet	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
22	CST-EML22 Fire Pump	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
23	CST-EML23 HFE2 Tansfer Launder	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
24	CST-EML24 Warehouse Dry Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
25	CST-EML25 Warehouse Office Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Not OK
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>7 Feb 22</u>		Date: <u>7 Feb 22</u>		Date: <u>12 Feb 22</u>		Date: <u>25 Feb 22</u>	



**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 1 of 2

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	<b>CST-EML1</b> Front loading bay	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
2	<b>CST-EML2</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
3	<b>CST-EML3</b> Front technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
4	<b>CST-EML4</b> Electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
5	<b>CST-EML5</b> Front electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
6	<b>CST-EML6</b> Electrical room2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
7	<b>CST-EML7</b> Front dross room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
8	<b>CST-EML8</b> Front pump room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
9	<b>CST-EML9</b> Back caster 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
10	<b>CST-EML10</b> Back roll shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
11	<b>CST-EML11</b> Back cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
12	<b>CST-EML12</b> Front cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
13	<b>CST-EML13</b> MDB1,2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
14	<b>CST-EML14</b> HFE1 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Not OK
15	<b>CST-EML15</b> CSR1 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
16	<b>CST-EML16</b> CSR1 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
17	<b>CST-EML17</b> HFE2 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK

**Remarks :**
**Note:** Bettery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 2 of 2
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
18	CST-EML18 CSR2 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
19	CST-EML19 CSR2 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
20	CST-EML20 Front Dross Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
21	CST-EML21 Caster toilet	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
22	CST-EML22 Fire Pump	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
23	CST-EML23 HFE2 Tansfer Launder	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
24	CST-EML24 Warehouse Dry Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
25	CST-EML25 Warehouse Office Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Charging <input type="checkbox"/> Full	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input checked="" type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Not OK
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>8 Mar 22</u>		Date: <u>8 Mar 22</u>		Date: <u>16 Mar 22</u>		Date: <u>18 Mar 22</u>	

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 1 of 2

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	<b>CST-EML1</b> Front loading bay	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
2	<b>CST-EML2</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
3	<b>CST-EML3</b> Front technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Battery เริ่ม ชาร์จลง
4	<b>CST-EML4</b> Electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
5	<b>CST-EML5</b> Front electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
6	<b>CST-EML6</b> Electrical room2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
7	<b>CST-EML7</b> Front dross room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
8	<b>CST-EML8</b> Front pump room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
9	<b>CST-EML9</b> Back caster 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Battery เริ่ม ชาร์จลง
10	<b>CST-EML10</b> Back roll shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
11	<b>CST-EML11</b> Back cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
12	<b>CST-EML12</b> Front cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
13	<b>CST-EML13</b> MDB1,2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
14	<b>CST-EML14</b> HFE1 Upper Panel	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
15	<b>CST-EML15</b> CSR1 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
16	<b>CST-EML16</b> CSR1 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
17	<b>CST-EML17</b> HFE2 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 2 of 2
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
18	CST-EML18 CSR2 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
19	CST-EML19 CSR2 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
20	CST-EML20 Front Dross Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
21	CST-EML21 Caster toilet	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
22	CST-EML22 Fire Pump	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
23	CST-EML23 HFE2 Tansfer Launder	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
24	CST-EML24 Warehouse Dry Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
25	CST-EML25 Warehouse Office Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>2 Apr 22</u>		Date: <u>6 Apr 22</u>		Date: <u>8 Apr 22</u>		Date: <u>8 Apr 22</u>	

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 1 of 2

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	CST-EML1 Front loading bay	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
2	CST-EML2 Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
3	CST-EML3 Front technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Battery เริ่ม ชาร์ตบอย
4	CST-EML4 Electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
5	CST-EML5 Front electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
6	CST-EML6 Electrical room2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
7	CST-EML7 Front dross room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
8	CST-EML8 Front pump room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
9	CST-EML9 Back caster 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Battery เริ่ม ชาร์ตบอย
10	CST-EML10 Back roll shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
11	CST-EML11 Back cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
12	CST-EML12 Front cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
13	CST-EML13 MDB1,2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Change Battery 1 Pc
14	CST-EML14 HFE1 Upper Panel	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damage
15	CST-EML15 CSR1 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
16	CST-EML16 CSR1 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
17	CST-EML17 HFE2 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 2 of 2
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
18	CST-EML18 CSR2 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
19	CST-EML19 CSR2 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
20	CST-EML20 Front Dross Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
21	CST-EML21 Caster toilet	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
22	CST-EML22 Fire Pump	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
23	CST-EML23 HFE2 Tansfer Launder	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
24	CST-EML24 Warehouse Dry Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
25	CST-EML25 Warehouse Office Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>11 May 22</u>		Date: <u>11 May 22</u>		Date: <u>24 May 22</u>		Date: <u>24 May 22</u>	

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 1 of 2

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	<b>CST-EML1</b> Front loading bay	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
2	<b>CST-EML2</b> Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
3	<b>CST-EML3</b> Front technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Battery เริ่ม ชาร์ตจนจบ
4	<b>CST-EML4</b> Electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
5	<b>CST-EML5</b> Front electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
6	<b>CST-EML6</b> Electrical room2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
7	<b>CST-EML7</b> Front dross room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
8	<b>CST-EML8</b> Front pump room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
9	<b>CST-EML9</b> Back caster 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Battery เริ่ม ชาร์ตจนจบ
10	<b>CST-EML10</b> Back roll shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
11	<b>CST-EML11</b> Back cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
12	<b>CST-EML12</b> Front cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
13	<b>CST-EML13</b> MDB1,2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK Change Battery 1 Pc
14	<b>CST-EML14</b> HFE1 Upper Panel	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
15	<b>CST-EML15</b> CSR1 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
16	<b>CST-EML16</b> CSR1 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
17	<b>CST-EML17</b> HFE2 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK

## Remarks :

**Note:** Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.



**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 2 of 2
☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
18	CST-EML18 CSR2 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
19	CST-EML19 CSR2 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
20	CST-EML20 Front Dross Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
21	CST-EML21 Caster toilet	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
22	CST-EML22 Fire Pump	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
23	CST-EML23 HFE2 Tansfer Launder	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
24	CST-EML24 Warehouse Dry Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
25	CST-EML25 Warehouse Office Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>7 Jun 22</u>		Date: <u>7 Jun 22</u>		Date: <u>13 Jun 22</u>		Date: <u>14 Jun 22</u>	



**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 1 of 2.

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp				Function test		
						Battery	AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
1	CST-EML1 Front loading bay	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
2	CST-EML2 Technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
3	CST-EML3 Front technical office	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
4	CST-EML4 Electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
5	CST-EML5 Front electrical room1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
6	CST-EML6 Electrical room2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
7	CST-EML7 Front dross room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
8	CST-EML8 Front pump room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
9	CST-EML9 Back caster 1	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
10	CST-EML10 Back roll shop	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
11	CST-EML11 Back cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
12	CST-EML12 Front cold mill	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
13	CST-EML13 MDB1,2	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
14	CST-EML14 HFE1 Upper Panel	<input type="checkbox"/> OK <input checked="" type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input checked="" type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	Damgge
15	CST-EML15 CSR1 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
16	CST-EML16 CSR1 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
17	CST-EML17 HFE2 Upper Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

**Routine check**  
**Emergency lighting**

Plant:

Casting Plant

E&amp;M form No.

FM-04-190

Machine Name:

Emergency light (EPS1-LTG4)

Rev. 3 Sheet 2 of 2

☒ Monthly ☐ Three Month

Item	Description	Frame/Hang Condition	Cleaning frame	Bolt inspection	Lighting lamp	LED Indicator lamp					Function test		
						Battery		AC input	Charge/Full	Fail	Press test button	A.C.Input off	Light go on time
18	CST-EML18 CSR2 Upper RIOCA Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
19	CST-EML19 CSR2 Upper RIOEM Panel	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
20	CST-EML20 Front Dross Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
21	CST-EML21 Caster toilet	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
22	CST-EML22 Fire Pump	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
23	CST-EML23 HFE2 Transfer Launder	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
24	CST-EML24 Warehouse Dry Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
25	CST-EML25 Warehouse Office Room	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Not OK	<input checked="" type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input checked="" type="checkbox"/> OK <input type="checkbox"/> Loose	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input checked="" type="checkbox"/> G3 <sup>rd</sup>	<input checked="" type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input checked="" type="checkbox"/> Full	<input type="checkbox"/> On <input checked="" type="checkbox"/> Not On	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input checked="" type="checkbox"/> Light go on <input type="checkbox"/> Light go off	OK
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	
		<input type="checkbox"/> OK <input type="checkbox"/> Not OK	<input type="checkbox"/> Clean <input type="checkbox"/> Not clean	<input type="checkbox"/> OK <input type="checkbox"/> Loose	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Y1 <sup>st</sup> <input type="checkbox"/> G2 <sup>nd</sup>	<input type="checkbox"/> G1 <sup>st</sup> <input type="checkbox"/> G3 <sup>rd</sup>	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Charging <input type="checkbox"/> Full	<input type="checkbox"/> On <input type="checkbox"/> Not On	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	<input type="checkbox"/> Light go on <input type="checkbox"/> Light go off	

## Remarks :

Note: Battery indicator: Y1<sup>st</sup> = Yellow LED / G1<sup>st</sup> = Green LED Number one / G2<sup>nd</sup> = Green LED Number two / G3<sup>rd</sup> = Green LED Number three / ☒ To do cross line in square box.

Electrical Technician		Electrical Engineer		Electrical Section Head		E&M Manager	
Prepared by: <u>Somkiead</u>		Checked by: <u>Somkiead</u>		Preapproval by: <u>Pichet T.</u>		Approval by: <u>NIKON</u>	
Date: <u>2 Jul 22</u>		Date: <u>2 Jul 22</u>		Date: <u>8 Jul 22</u>		Date: <u>8 Jul 22</u>	