

ภาคผนวก ญ

แผนการบำรุงรักษาเครื่องจักร (Preventive Maintenance)



MASTER PLAN PREVENTIVE MAINTENANCE2021.....

INTERNATIONAL CASTING PRODUCTS CO., LTD.

MACHINE CODE	FREQUENCY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Dust collector	5Y	Motor Blower	O													
SE sand Preparation	1Y	Blower	R													
Ac Line	3Y	Blower	R													
MC-059	1Y	Electric Control Blower	I													
	6Y	Motor screw	O													
	2Y	Coupling Drive	R													
	4Y	Screw Set	I													
	6M	Electric Control Screw	I													
	6Y	Motor Rotary	O													
	1Y	Coupling Drive	R													
	2Y	Rotary Set	R													
	1Y	Electric Control Rotary	I													
	6M	Filter Bag PE554 Size : Ø170mm. X 4000mm	R													
	1Y	Solenoid Valve Jet	R													
	6M	Electric Control Solenoid Jet	I													
	5Y	Blower	R													

หมายเหตุ : Y = YEAR, M = MONTH



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INTERNATIONAL CASTING PRODUCTS CO., LTD.

MACHINE CODE	FREQUENCY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Dust collector	5Y	Motor Blower	O													
Moulding	1Y	Blower	R													
Ac Line	3Y	Blower	R													
MC-060	1Y	Electric Control Blower	I													
	6Y	Motor screw	O													
	1.4Y	Coupling Drive	R													
	4Y	Screw Set	I													
	1Y	Electric Control Screw	I													
	6Y	Motor Rotary	O													
	2Y	Coupling Drive	R													
	3Y	Rotary Set	R													
	1Y	Electric Control Rotary	I													
	6M	Filter Bag PE554 Size : Ø170mm. X 4000mm	R													
	1Y	Solenoid Valve Jet	R													
	2Y	Solenoid Jet	R													
	6M	Electric Control Solenoid Jet	I													
	5Y	Blower	R													

หมายเหตุ : Y = YEAR, M = MONTH

MASTER PLAN PREVENTIVE MAINTENANCE2021.....
INTERNATIONAL CASTING PRODUCTS CO., LTD.

MACHINE CODE	FREQ- QUENCY	DOCUMENT No. OR PART	FUNCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Dust collector	6Y	Motor Blower	O												
Furnace ACE Line	1Y	Electric Control Blower	R												
Taping Area	3Y	Pulley 500 - 0100 Blower	R												
MC-461	7Y	Motor screw	O												
	3Y	Coupling Drive	R												
	4Y	Screw Set	I												
	1Y	Electric Control tonal	I												
	7Y	Motor Rotary	O												
	4Y	Coupling Drive	R												
	4Y	Rotary Set	R												
	1Y	Filter Bag PE554 Size : Ø170mm. X 4000mm	R												
	2Y	Solenoid Valve Jet	R												
	3Y	Electric Control Solenoid Jet	R												
	8M	Electric Control Solenoid Jet	I												
	5Y	Electric Control Blower	R												

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INTERNATIONAL CASTING PRODUCTS CO., LTD.

MACHINE CODE	FREQ- QUENCY	DOCUMENT No. OR PART	FUNCTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Dust collector	5Y	Motor Blower	O												
blowing & Grind	8M	Electric Control Blower	R												
ACE Line	3Y	Pulley 500 - 0100 Blower	R												
MC-062	8M	Electric Control Blower	I												
	7Y	Motor screw	O												
	4Y	Screw Set	I												
	8M	Electric Control Screw	I												
	7Y	Motor Rotary	O												
	3Y	Rotary Set	R												
	8M	Electric Control Rotary	I												
	6M	Filter Bag PE554 Size : Ø170mm. X 4000mm	R												
	2Y	Solenoid Valve Jet	R												
	8M	Electric Control Solenoid Jet	I												
	7Y	Bearing blower	R												
	3M	การตรวจเช็ค Leak Detector (ถ้ามีขนาด 0.50)	I/C												
	5Y	Electric Control Blower	R												

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INTERNATIONAL CASTING PRODUCTS CO.,LTD.



MACHINE CODE	PRE-QUENCY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Dust collector FENSHING AMF MC-104	5Y	Motor Blower	O													
	1Y	การบำรุงรักษา Blower	R	●	16/1/21											
	3Y	Bearing 1000 Blower	R													2022
	1Y	Pulley 500 - 600 Blower	R	●	16/1/21											
	5Y	Motor Blower	O													
	2Y	Coupling Set	R													
	6M	Bearing Screw	R													
	3Y	Screw Set	R													2022
	5Y	Motor Rotary	O													2023
	3Y	Rotary Set	R													2022
	6M	Filter Bag PE554 Size : Ø170mm. X 4000mm	R	●	21/2											
	1Y	Solenoid Valve Jet	I													
	2Y	Electric Control Solenoid Jet	I													
	3M	การตรวจเช็ค Leak Detector ที่โรงงาน	IC	●	7/3/21											

FUNCTION
 A = ADJUST
 O = OVERHAUL
 R = REPLACEMENT
 I = INSPEC ON CHECK
 C = CLEAN

PLAN
 ACTUAL
 CHECKED

PREPARED
 WITTOON
 MONTRI

APPROVED
 MONTRI

หมายเหตุ : Y = YEAR, M = MONTH

MASTER PLAN PREVENTIVE MAINTENANCE2021.....

INTERNATIONAL CASTING PRODUCTS CO.,LTD.



MACHINE CODE	PRE-QUENCY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Dust collector Cooler ACE Line MC-063	5Y	Motor Blower	O													
	8M	การบำรุงรักษา Blower	R													
	1Y	Pulley 500 - 600 Blower	R													
	6M	Electric Control Blower	I													
	6Y	Motor screw	O													
	2Y	Coupling Drive	R													
	4Y	Screw Set	I													
	6Y	Electric Control Screw	I													
	7Y	Motor Rotary	O													
	2Y	Coupling Drive	R													
	3Y	Rotary Set	R													
	6M	Electric Control Rotary	I													
	1Y	Filter Bag PE554 Size : Ø170mm. X 4000mm	R													
	1Y	Solenoid Valve Jet	R													
	6M	การตรวจเช็ค Leak Detector ที่โรงงาน	I													
	6M	การตรวจเช็ค Leak Detector ที่โรงงาน	I													
	5Y	การตรวจเช็ค Leak Detector ที่โรงงาน	R													

FUNCTION
 A = ADJUST
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 C = CLEAN

PLAN
 ACTUAL
 CHECKED

PREPARED
 WITTOON
 MONTRI

APPROVED
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หมายเหตุ : Y = YEAR, M = MONTH

	MASTER PLAN PREVENTIVE MAINTENANCE ...2021...											
	INTERNATIONAL CASTING PRODUCTS CO.,LTD.											

MACHINE CODE	FREQUENCY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Dust collector	5Y	Motor Blower	O													
DRUM COOLER	1Y	Motor Blower	R													
AMF	4Y	Bearing (mm) Blower	R													
MC-105	2Y	Pulley 50 - 0111 Blower	R													
	5Y	Motor screw	O													
	1Y	Coupling Set	R													
	6M	Bearing Screw	R													
	2Y	Screw Set	R													
	5Y	Motor Rotary	O													
	4Y	Rotary Set	R													
	2Y	Coupling Rotary Set	R													
	6M	Filter Bag PE554 Size : 0170mm. X 4000mm	R													
	1Y	Solenoid Valve Jet	I													
	2Y	Electric Control Solenoid Jet	I													
	1Y	New Body	I													

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	MASTER PLAN PREVENTIVE MAINTENANCE ...2021...											
	INTERNATIONAL CASTING PRODUCTS CO.,LTD.											

MACHINE CODE	FREQUENCY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Dust collector	5Y	Motor Blower	O													
LINE SAND AMP	1Y	Motor Blower	R													
MC-106	4Y	Bearing (mm) Blower	R													
	2Y	Pulley 50 - 0111 Blower	R													
	5Y	Motor screw	O													
	1Y	Coupling Set	R													
	6M	Bearing Screw	R													
	2Y	Screw Set	R													
	5Y	Motor Rotary	O													
	3Y	Rotary Set	R													
	1Y	Coupling Rotary Set	R													
	6M	Filter Bag PE554 Size : 0170mm. X 4000mm	R													
	1Y	Solenoid Valve Jet	I													
	2Y	Electric Control Solenoid Jet	I													

หมายเหตุ : Y = YEAR, M = MONTH

MASTER PLAN PREVENTIVE MAINTENANCE ...2021...

INTERNATIONAL CASTING PRODUCTS CO.,LTD.

MACHINE CODE	PRE- SEQUENCE	DOCUMENT No. OF PART	FUNC- TION	MONTH												APPROVED	
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
Dust collector uses Pwring Line MC-107	4V	Motor Blower	O														
	2V	Blower	R														
	4V	Bearing IMB1 Blower	R														
	2V	Pulley 30 - IMB1 Blower	R														
	6V	Motor screw	O														
	2V	Coupling Set	R														
	Y	Bearing Screw	R														
	3V	Screw Set	R														
	5V	Motor Rotary	O														
	3V	Rotary Set	R														
Y	Coupling Rotary Set	R															
Y	Filter Bag PESS4 Size : Ø170mm X 4000mm	R															
Y	Solenoid Valve Jet	I															
2V	Electric Control Solenoid Jet	I															

หมายเหตุ : V = YEAR, M = MONTH

MASTER PLAN PREVENTIVE MAINTENANCE2021.....

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MACHINE CODE	PRE-SEQUENCE	DOCUMENT No. OF PART	FUNCTION	MONTH												APPROVED		
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC			
INDUCTION FURNACE 3TON3 MC-115	1M	Monthly check By master	I															
	5V	เปลี่ยนสายพานขับเคลื่อน Coil m3	R															
	4V	เปลี่ยน COIL m3	R															
	1V	ตรวจสอบและปรับตั้งระบบ R (เดือน 2)	O															
	1V	ตรวจสอบและปรับตั้งระบบ R (เดือน 4)	O															
	2V	เปลี่ยนสายพานขับเคลื่อน R (เดือน 4)	C															
	1V	ตรวจสอบและปรับตั้งระบบ R (เดือน 4)	O															
	2V	Motor & Pump cooling system (Cooling coil)	O															
	3V	Enging pump (pump-enging-oil-ถังน้ำมัน)	O															
	3V	ถังน้ำ Cooling	C															
	1V	Checking Furnace By Japan Eng.	I															
	3M	Capacitor power starting 3000 kva 2400V Bushbar	I															
	3M	Capacitor power starting 1500 kva 2400V Bushbar	I															
	6M	pump 60001 Yokem PV2R1-P-L-RAA-41	R															
	5V	เปลี่ยนสายพานขับเคลื่อน Capacitor-SCR	R															
	เปลี่ยนสายพานขับเคลื่อน Coil																	
	Resistor 3.7kΩ																	
4V	RWH100G2000m3 MDK	I																
4V	RWH100G3000m3 MDK	I																
4V	Resistor 3.7kΩ RWH150G5000m3 MDK	I																
3V	Thyristor UKR39SCH20 A2B 0304	I																
	Transformer																	
	Type: 4B2D-041B Cap300VA																	
3V	1400V 700V / 220V 200V	I																
	Phase#1 50/60Hz																	
1V	Cooling Inverter pump	O																
	Kavamoto centrifugal pump																	
	Type: ON-50x405-C37 / 3.7Kw-380V 7.5A																	
1V	Cooling water pump	O																
	TECO : Type: AEEF8G																	
	11Kw 2P-380V 22A 2940rpm 100M																	
1V	Cooling Tower Fan	O																
	TECO : Type: AEMFWG3.7Kw 10P 380V 10.65A 575rpm 100M																	
หมายเหตุ	PLAN	FUNCTION												PREPARED	CHECKED	APPROVED		
	ACTUAL	A = ADJUST												WITON	MONTRI	MONTRI		
	CHECKED	O = OVERHAUL																
														1 = INSPEC ON CHECK C = CLEAN				
														P = 7-11 PM, 10-11 PM, 11-11 PM				

หมายเหตุ : V = YEAR, M = MONTH

	MASTER PLAN PREVENTIVE MAINTENANCE2021.....	
	INTERNATIONAL CASTING PRODUCTS CO., LTD.	

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MACHINE CODE	PRE-QUANTITY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
INDUCTION FURNACE 5TONS MC-115	1V	Cooling Tower pump	1													
	2V	CALPEDA Type NE100AL 1.5kw 220/380V	1													
	2V	Coupling DID-C-5016 DAIDO	1													
	2V	Check valve CIT-03-04-50 YUKEN	1													
	2V	Solenoid Valve DSG-03-3C-A-200-50 YUKEN	1													
	2V	Solenoid Valve DSG-01-3C-A-200-60 YUKEN	1													
	2V	Relief Valve BSG-03-203B-A200-47 YUKEN	1													
	2V	Pilot check valve MPA-03-2-20 YUKEN	1													
	2V	Pilot check valve MPV-01-2-40 YUKEN	1													
	2V	Throttle & Check valve MSA-03-X-40 YUKEN	1													
	2V	Throttle & Check valve MSV-01-X-50 YUKEN	1													
	2V	Throttle & Check valve MSA-03-Y-40 YUKEN	1													
	2V	Stop valve HG-4211-8 Hirose	1													
	2V	Thermo & Level gauge 8XI60LT KAMUI	1													
	2V	Water Cooled cable SB-400 5.5m	1													
	1V	Pure water transmit for CAPACTOR	1													
	1V	Battery for PLC (F-55) For 500mg 1200w 0.3kVz	1													
	1V	Rein pure water for Inverter panel	1													
	1V	Cylinder For Ring Hood	1													
	1V	Oil hydraulic	1													
	2V	Millamp (GH1)	1													
	2V	Lining coil erment NEW	1													
	5V	Monitor Kw Daiichi	1													
	1V	Flushing Copper Tube Coil	1													

หมายเหตุ : Y = YEAR, M = MONTH	PLAN	FUNCTION	PREPARED	CHECKED	APPROVED
	ACTUAL CHECKED	A = ADJUST O = OVERHAUL R = REPLACEMENT	WITON MONTRI	MONTRI MONTRI	MONTRI MONTRI

หน้า 2 จาก 2

	MASTER PLAN PREVENTIVE MAINTENANCE2021.....	
	INTERNATIONAL CASTING PRODUCTS CO., LTD.	

หน้า 1 จาก 2

MACHINE CODE	PRE-QUANTITY	DOCUMENT No. OR PART	FUNCTION	MONTH												APPROVED
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
INDUCTION FURNACE 5TONS MC-116	1V	Monthly check By Maker	1													
	4V	เปลี่ยนสายพาน หม้อต้ม Coil m1	R													
	4V	เปลี่ยน COIL หม้อต้ม 1	R													
	1V	ตรวจสอบสายพาน หม้อต้ม R (ด้าน 3)	O													
	1V	ตรวจสอบสายพาน หม้อต้ม L (ด้าน 3)	O													
	1V	เปลี่ยนสายพาน Heat Exchanger	C													
	2V	หม้อต้ม INVERTOR COOLING	O													
	2V	Motor & Pump cooling system (Cooling coil)	O													
	1V	Engine pump (pump-reging-oil-ถังน้ำมัน)	O													
	1V	ถัง Cooling	C													
	1V	Checking Furnace By Japan Eng.	I													
	3M	Capacitor power starting 3000 kva 2400V/Bush	I													
	3M	Capacitor power starting 1500 kva 2400V/Bush	I													
	1V	pump หม้อต้ม YUKEN P2RH-07-L-RAA-41	R													
	5V	หม้อต้มหม้อต้ม Capacitor-SCR	R													
		อุปกรณ์ Startling Coil														
	3V	Reistor 500Ω	I													
	3V	RWH100C2000Ω MDK	I													
	3V	RWH100C2000Ω MDK	I													
	3V	Reistor 500Ω RWH150C500Ω MDK	I													
	3V	Thyristor UK402395CHD A3B 0304	I													
		Transformer														
	3V	Type 4B20-041B Cap:300VA	I													
	3V	1400V 700V/220V 200V	I													
	2V	Phase#1 50/60Hz	I													
	2V	Cooling Inverter pump	I													
		Kawamoto centrifugal pump														
	1V	Type:GN-50-40E-C3/3.7kw 300v 7.5A	O													
	1V	Cooling water pump	O													
		TECO : Type:AEFFBG														
		11Kw 2P 380V 22A 3940rpm 100M														
	1V	Cooling Tower Fan	O													
		TECO : Type:AEFFBG 3.7Kw 1HP 380V 10A 5A 375rpm 100M														

หมายเหตุ : Y = YEAR, M = MONTH	PLAN	FUNCTION	PREPARED	CHECKED	APPROVED
	ACTUAL CHECKED	A = ADJUST O = OVERHAUL R = REPLACEMENT	WITON MONTRI	MONTRI MONTRI	MONTRI MONTRI

หน้า 1 จาก 2

MASTER PLAN PREVENTIVE MAINTENANCE2021.....													
INTERNATIONAL CASTING PRODUCTS CO., LTD.													
MACHINE CODE	PREF-QUANTITY	DOCUMENT NAME PART	FUNCTION	MONTH									
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
INDUCTION FURNACE STONE MC-118	1Y	Cooling Tower pump	I										
	2Y	CALPADA TypeN100AE L15Nv-220/200V	I										
	2Y	Coupling DID-C-5016 DAIDO	I										
	2Y	Check valve CIT-40-04-50 YUKEN	I										
	2Y	Solmold Valve DSG-03-3C4-A200-50 Yuken	I										
	2Y	Solmold Valve DSG-01-3C4-A200-60 Yuken	I										
	2Y	Relief Valve BSG-03-2R3B-A200-47 Yuken	I										
	2Y	Pilot check valve MPA-03-2-20 Yuken	I										
	2Y	Pilot check valve MPV-01-2-40 Yuken	I										
	2Y	Throttle&Check valve MSA-03-X-40 Yuken	I										
	2Y	Throttle&Check valve MSV-01-X-50 Yuken	I										
	2Y	Throttle&Check valve NSA-03-Y-40 Yuken	I										
	2Y	Sop valve HG-4211-8 Hirose	I										
	3Y	Thermo & Level gauge BX160LT KAMUI	I										
INDUCTION FURNACE STONE MC-118	2Y	Water Cooled cable SB-400 5.5m	I										
	2Y	Pure water treatment for CAPACITOR	I										
	2Y	Battery for PLC (P-55)for-50mg/1000w 0.20Hz	I										
	1Y	Rein pure water for Inverter panel	I										
	1Y	NEW Cylinder unit 1 pes (for F1-2)	R										
	1Y	Cylinder For Ring Hood	O										
	2Y	oil hydraulic	R										
	2Y	Milamp (G11)	R										
	2Y	Lining coil erment NEW	R										
	5Y	สายนำความร้อน SCR	R										
	10Y	เปลี่ยนหม้อต้ม 3500 KVA	R										
	5Y	Monitor Kva Daifield	R										
	1Y	Flushing Copper Tube Coil	C										
	4Y	PLC 400 Power Supply	R										
หมายเหตุ				FUNCTION									
				PLAN	ACTUAL	CHECKED	A = ADJUST	O = OVERHAUL	R = REPLACEMENT	PREPARED			
										WITON			
										MONTRI			
										MONTRI			

หมายเหตุ : Y = YEAR , M = MONTH



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MACHINE CODE	PREF-QUANTITY	DOCUMENT NAME PART	FUNCTION	MONTH									
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
INDUCTION FURNACE STONE MC-017	1M	Monthly check	I										
	4Y	เปลี่ยนสายพาน นำหม้อต้ม Cold 30	R										
	4Y	เปลี่ยน COIL 30 ท่อ 30x3	R										
	1Y	ตรวจสอบสายพานนำ (เปลี่ยนไฟ)	O										
	1Y	ตรวจสอบสายพานนำ (เปลี่ยน 2)	O										
	1Y	เปลี่ยนสายพาน Heat Exchanger	C										
	1Y	หม้อต้ม INTERIOR COOLING	O										
	2Y	Motor & Pump cooling system (Cooling coil)	O										
	1Y	Enging pump (pump-enging oil-30 ลิตร)	O										
	1Y	ถัง Cooling	C										
	2Y	Checking Furnace By Japan Eng.	I										
	3M	Capacitor power starting/Bushbar cap bank	I										
	1Y	pump 1000 YukenPV2R1-174-KAA-41	R										
	4Y	หม้อนำหม้อต้ม Capacitor	R										
	4Y	หม้อนำหม้อต้ม SCR	R										
		เปลี่ยนหม้อต้ม Starting Coil											
		Resistor 500W											
	2Y	RWH100C2000หม้อต้ม MDK	I										
	2Y	RWH100C3000หม้อต้ม MDK	I										
		Resistor 500W											
	2Y	RWH100C3000หม้อต้ม MDK	I										
		Thyristor											
	2Y	UKR395CH30 A2B 0304	I										
		Transformer											
	3Y	Type: 4B920-441B Cap:500VA	I										
		1400V 700V / 220V 200V											
		Phase 1 50/60Hz											
	1Y	Cooling Inverter pump	O										
		Kawamido centrifugal pump											
		Type:GN-50-08-C3.7 / 3.7Kw-30m 7.5A											
	1Y	Cooling water pump	O										
		TECO : Type:AEFEFG											
		11Kw-2P-380V-22A-3940rpm-100M											
	2Y	Cooling Tower Pump	O										
	2Y	Cooling Tower Fan	O										
หมายเหตุ				FUNCTION									
				PLAN	ACTUAL	CHECKED	A = ADJUST	O = OVERHAUL	R = REPLACEMENT	PREPARED			
										WITON			
										MONTRI			
										MONTRI			

หมายเหตุ : Y = YEAR , M = MONTH

MASTER PLAN PREVENTIVE MAINTENANCE2021.....													
INTERNATIONAL CASTING PRODUCTS CO., LTD.													
MACHINE CODE	FREQUENCY	DOCUMENT No. or PART	FUNCTION	MONTH									
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
INDUCTION FURNACE 5TON2 MC-017													
	IV	Coupling DID-C-5016 DAIDO	I										
	IV	Check valve CIT-03-04-50 YUKEN	I										
	IV	Solenoid Valve DSG-03-5C4-A300-50 YUKEN	I										
	IV	Solenoid Valve DSG-01-5C4-A300-40 YUKEN	I										
	IV	Relief Valve BSG-03-2B3B-A200-47 YUKEN	I										
	IV	Pilot check valve MPA-03-2-20 YUKEN	I										
	IV	Pilot check valve MPV-01-2-40 YUKEN	I										
	IV	Throttle & Check valve MSA-03-X-40 YUKEN	I										
	IV	Throttle & Check valve MSW-01-X-50 YUKEN	I										
	IV	Throttle & Check valve MSA-03-Y-40 YUKEN	I										
	IV	Stop valve HG-4211-8 Hirose	I										
	IV	Thermo & Level gauge 8X160LT KAMETI	I										
	IV	Heat exchanger 316/316L(S-27) ALFALAVA	I										
	IV	Water Cooled cable SB-400 5.5m	I										
INDUCTION FURNACE 5TON2 MC-018													
	IV	Pure water treatment for CAPACITOR	I										
	IV	Battery for PLC (F550) for setting 120kva-3.3kV	R										
	IV	Resin pure water for Inverter pump	R										
	IV	Cylinder OPEN CLOSE RING HOOD	O										
	IV	oil hydraulic	R										
	IV	Check scr	I										
	IV	Lining coil cement NEW	R										
	IV	New Cooling Tower 125 RT	C										
	IV	Flushing Coil + Pipe	C										
	IV	Flushing Coil + Pipe	C										
	IV	Flushing Coil + Pipe	C										
	IV	Flushing Coil + Pipe	C										
	IV	Flushing Coil + Pipe	C										
	IV	Flushing Coil + Pipe	C										

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MASTER PLAN PREVENTIVE MAINTENANCE2021.....

INTERNATIONAL CASTING PRODUCTS CO., LTD.

MACHINE CODE	FREQUENCY	DOCUMENT No. or PART	FUNCTION	MONTH									
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
INDUCTION FURNACE 5TON2 MC-018													
	IV	Monthly check	I										
	IV	เปลี่ยนน้ำมันหล่อลื่น Coil m	R										
	IV	เปลี่ยน COIL m 100 มม	R										
	IV	ตรวจสอบและทำความสะอาด (ให้พร้อม)	O										
	IV	ตรวจสอบและทำความสะอาด (พร้อม 3)	O										
	IV	เปลี่ยน Heat Exchanger	C										
	IV	มอเตอร์ INVERTOR COOLING	O										
	IV	Motor & Pump cooling system (Cooling coil)	O										
	IV	Enging pump (pump-enging oil ให้พร้อม)	O										
	IV	ถัง Cooling	C										
	IV	Checking Furnace By Japan Eng.	I										
	IV	Capacitor power starting/Busbar cap bank	I										
	IV	pump 00001 Yuken PV2RI-17-L-BA-A-41	R										
	IV	สายหล่อลื่น Capacitor	R										
INDUCTION FURNACE 5TON2 MC-019													
	IV	สายหล่อลื่น SCR	R										
	IV	เปลี่ยนสาย Starting Coil	R										
	IV	Rectifier 5000	R										
	IV	RVH100G2000101 MDK	I										
	IV	RVH100G3000101 MDK	I										
	IV	Rectifier 5000	R										
	IV	RVH150G5000101 MDK	I										
	IV	Thyristor	I										
	IV	UKR395CHE20 A2B 0304	I										
	IV	Transformer	I										
	IV	Type: 4H920-041B Cap:300VA	I										
	IV	1400V 700V / 220V 200V	I										
	IV	Phase 1 50/60Hz	I										
	IV	Cooling Inverter pump	O										
INDUCTION FURNACE 5TON2 MC-020													
	IV	Kawamoto centrifugal pump	O										
	IV	Type:GN-50x45-CL3 / 3.7Kw-380v 7.5A	O										
	IV	Cooling water pump	O										
	IV	TECO : Type:AEFFBG	O										
	IV	11Kw-2P-380V 22A-2940rpm-10031	O										
	IV	Cooling Tower Pump	O										
	IV	Cooling Tower Fan	O										
	IV	Cooling Tower Fan	O										
	IV	Cooling Tower Fan	O										
	IV	Cooling Tower Fan	O										
	IV	Cooling Tower Fan	O										
	IV	Cooling Tower Fan	O										
	IV	Cooling Tower Fan	O										
	IV	Cooling Tower Fan	O										

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INTERNATIONAL CASTING PRODUCTS CO., LTD.

MACHINE CODE	INDUCTION	FREQ- QUENCY	DOCUMENT No. or PART	FUNC- TION	MONTH												PREPARED	CHECKED	APPROVED																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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