

ภาคผนวก ฉ

---

---

สำเนาแผนการซ่อมบำรุงประจำปี พ.ศ. 2565



Yearly Planning Schedule for Preventive Maintenance & Repairing																	Page No.	2 of 20	
<div>1) : Check</div> <div>2) : Vibration Inspection</div> <div>3) : Clean</div> <div>4) : Add Lubricant</div> <div>5) : Change Lubricant</div> <div>6) : Overhaul</div>																	Initiator	Engineer	Manager
																	Mr.Apakorn K.	Mr.Apakorn K.	Mr.Thawat K.
Date ..5../..Jan../..2022..																			
Item	Equipment Name	Location	Yearly Plan 2022												Responsibility	Refer. DOCU.	Remark		
			January	February	March	April	May	June	July	August	September	October	November	December					
	DOW THERM PLANT																		
5	Dowtherm Heater No. 1	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
6	Dowtherm Heater No. 2	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
7	Dowtherm Heater No. 3	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
8	Dowtherm Heater No. 4	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
9	Dowtherm Heater No. 5	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
10	Dowtherm Heater No. 6	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
11	Primary pump No.1	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
12	Primary pump No.2	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
13	Primary pump No.3	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
14	Primary pump No.4	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
15	Primary pump No.5	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
16	Primary pump No.6	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
17	Primary pump No.7	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
18	Primary pump No.8	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
19	Primary pump No.9	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
20	Primary pump No.1	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
21	Primary pump No.J	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
22	Primary pump No.K	Dowtherm	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	1,2	Sr.STAFF	MUT-QF 03		
23	FD.Fan No.1 DOW# 1	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
24	FD.Fan No.2 DOW# 1	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
25	FD.Fan No.3 DOW#2	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
26	FD.Fan No.4 DOW#2	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
27	FD.Fan No.5 DOW#3	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
28	FD.Fan No.6 DOW#3	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
29	FD.Fan No.7 DOW#4	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
30	FD.Fan No.8 DOW#4	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
31	FD.Fan No.9 DOW#5	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
32	FD.Fan No.10 DOW#5	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
33	FD.Fan No.11 DOW#6	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
34	FD.Fan No.12 DOW#6	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
35	Dowcharge pump No.1DOW1,2	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
36	Dowcharge pump No.2DOW4	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
37	Dowcharge pump No.3DOW5,6	Dowtherm	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 03		
Format no. MUT-QF10/01																	RT-3Year		







Yearly Planning Schedule for Preventive Maintenance & Repairing																Page No.	6 of 20	
1) : Check 4) : Add Lubricant 2) : Vibration Inspection 5) : Change Lubricant 3) : Clean 6) : Overhaul																Initiator	Engineer	Manager
																Mr.Apakorn K.	Mr.Apakorn K.	Mr.Thawat K.
																Date ..5../...Jan../...2022..		
Item	Equipment Name	Location	Yearly Plan 2022												Responsibility	Refer. DOCU.	Remark	
			January	February	March	April	May	June	July	August	September	October	November	December				
	TOW PLANT																	
	WATER COOLING TOWER (WCT)																	
I01	WCT Pump (P-88306 A) No.1 (Supply to PM-2)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I02	WCT Pump (P-88306 B) No.2 (Supply to PM-2)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I03	WCT Pump (P-88306 C) No.3 (Supply to PM-2)	TW-2&3	4	2	2	2	2	2	2	2	2	1	2	2	2	Sr-STAFF	MUT-QF 05	
I04	WCT Pump (P-88307 A)No.1 (Supply toTW1-3+FI-1-3)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I05	WCT Pump (P-88307 B)No.2 (Supply toTW1-3+FI-1-3)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I06	WCT Pump (P-88307 C)No.3 (Supply toTW1-3+FI-1-3)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I07	WCT Pump (P-88305 A) No.1 (Supply to Chiller# 6 , ABS)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I08	WCT Pump (P-88305 B) No.2 (Supply to Chiller# 6 , ABS)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I09	WCT Pump (P-88305 C) No.3 (Supply to Chiller# 6 , ABS)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I10	WCT Pump (P-88305 D) No.4 (Supply to Chiller# 6 , ABS)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I11	WCT Pump (P-88305 E) No.5 (Supply to Chiller# 6 , ABS)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I12	WCT Pump (P-88305 F) No.6 (Supply to Chiller# 6 , ABS)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I13	WCT Pump No.A (Supply Bico)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I14	WCT Pump No.B (Supply Bico)	TW-2&3	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	STAND BY
I15	Cooling Tower ( CT-88305 A ) No.1	TW-2&3	1	1	1	1	1	4	1	1	1	1	1	4	1	Sr-STAFF	MUT-QF 05	
I16	Cooling Tower ( CT-88305 B ) No.2	TW-2&3	1	1	1	1	1	4	1	1	1	1	1	4	1	Sr-STAFF	MUT-QF 05	
I17	Cooling Tower ( CT-88305 C ) No.3	TW-2&3	1	1	1	1	1	4	1	1	1	1	1	4	1	Sr-STAFF	MUT-QF 05	
I18	Cooling Tower ( CT-88305 D ) No.4	TW-2&3	1	1	1	1	1	4	1	1	1	1	1	4	1	Sr-STAFF	MUT-QF 05	
I19	Cooling Tower ( CT-88305 E ) No.5	TW-2&3	1	1	1	1	1	4	1	1	1	1	1	4	1	Sr-STAFF	MUT-QF 05	STAND BY
I20	Cooling Tower ( CT-88305 F ) No.6	TW-2&3	1	1	1	1	1	4	1	1	1	1	1	4	1	Sr-STAFF	MUT-QF 05	
	AIR WASHER SYSTEM TW-3																	
I21	QA.Blower supply#1 TW-3	TW-3	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	
I22	QA.Blower supply#2 TW-3	TW-3	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	
I23	Washer pump No.1 TW-3	TW-3	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr-STAFF	MUT-QF 05	

Yearly Planning Schedule for Preventive Maintenance & Repairing																	Page No.	7 of 20
Item	Equipment Name	Location	Yearly Plan 2022												Responsibility	Refer. DOCU.	Remark	
			January	February	March	April	May	June	July	August	September	October	November	December				
	POY PLANT																	
	AIR WASHER SYSTEM PY-1																	
124	Q/A INV.Blower SP-1	SP-1	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
125	T/U Blower Inv.room SP-1	SP-1	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
126	T/U Blower Inspe. SP-1	SP-1	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
127	Q/A Washer Pump SP-1	SP-1	2	2	4	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
128	T/U Washer Pump SP-1	SP-1	2	2	4	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
129	T/U Supply Air Fan No.1 SP-1	SP-1	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 06	
130	T/U Supply Air Fan No.2 SP-1	SP-1	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 06	
131	T/U Return Air Fan No.1 SP-1	SP-1	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 06	
132	T/U Return Air Fan No.2 SP-1	SP-1	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 06	
	WATER COOLING TOWER (WCT)																	
133	Cooling Tower ( CT-88302 A ) No.1	SP-1	1	1	1	1	4	1	1	1	1	1	4	1	4	Sr.STAFF	MUT-QF 06	
134	Cooling Tower ( CT-88302 B ) No.2	SP-1	1	1	1	1	4	1	1	1	1	1	4	1	4	Sr.STAFF	MUT-QF 06	
135	Cooling Tower ( CT-88302 D ) No.4	SP-1	1	1	1	1	4	1	1	1	1	1	4	1	4	Sr.STAFF	MUT-QF 06 STAND BY	
136	Cooling Tower ( CT-88302 F ) No.6	SP-1	1	1	1	1	4	1	1	1	1	1	4	1	4	Sr.STAFF	MUT-QF 06 STAND BY	
137	WCT Pump No.1 SSP	SP-1	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06 STAND BY	
138	WCT Pump No.3 PM-1	SP-1	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06 STAND BY	
139	WCT Pump No.4 PM-1	PY-1,2	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06 STAND BY	
140	WCT Pump No.1 Air Comp. 10	PY-1,2	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
141	WCT Pump No.2 Air Comp. 10	PY-1,2	4	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
	WATER CHILLER PLANT (WCH )																	
142	WCH booster pump#1pm-1	SP-1	2	2	4	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06 STAND BY	
143	WCH booster pump#2pm-1	SP-1	2	2	4	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 06	
	WASTE WATER																	
144	Waste pump LOW COD PM-1 NO.A	PM-1	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02	
145	Waste pump LOW COD PM-1 NO.B	PM-1	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02	
146	Waste pump HI COD PM-1 NO.A	PM-1	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02 STAND BY	
147	Waste pump HI COD PM-1 NO.B	PM-1	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02	
148	Waste pump HI COD PM-2 NO.A	PM-2	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02	
149	Waste pump HI COD PM-2 NO.B	PM-2	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02	
150	Waste pump POY-1 NO.A	POY	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02 STAND BY	
151	Waste pump POY-1 NO.B	POY	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 02	
Format no:		MUT-QF10/01															RT-3Year	



Yearly Planning Schedule for Preventive Maintenance & Repairing															Page No.	8 of 20	
1) : Check 2) : Vibration Inspection 3) : Clean 4) : Add Lubricant 5) : Change Lubricant 6) : Overhaul															Initiator	Engineer	D-Manager
															Mr.Apakorn K.		Mr.Apakorn K.
Date ..5../..Jan../..2022..																	
Item	Equipment Name	Location	Yearly Plan 2022												Responsibility	Refer. DOCU.	Remark
			January	February	March	April	May	June	July	August	September	October	November	December			
	POY PLANT																
	AIR WASHER SYSTEM PY-2																
152	Q/A Inv.Blower SP-2	SP-2	2	2	2	2	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
153	Q/A Blower Return SP-2	SP-2	2	2	2	2	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
154	T/U Blower Supply No.1 SP-2	SP-2	2	2	2	2	2	2	2	2	1	2	2	2	2	SP-STAFF MUT-QF 06	
155	T/U Blower Return No.1 SP-2	SP-2	2	2	2	2	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
156	Q/A Washer Pump SP-2	SP-2	2	2	2	4	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
157	T/U Washer Pump SP-2	SP-2	2	2	2	4	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
	AIR WASHER SYSTEM PY-3																
158	Q/A Inv.Blower No.A SP-3	SP-3	2	2	2	2	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
159	Q/A Inv.Blower No.B SP-3	SP-3	2	2	2	2	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
160	Q/A Washer Pump SP-3	SP-3	2	2	2	4	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
161	T/U Washer Pump SP-3	SP-3	2	2	2	4	2	2	2	2	2	2	2	2	1	SP-STAFF MUT-QF 06	
162	Q/A Return Air Fan No.1 SP-3	SP-3	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
163	Q/A Return Air Fan No.2 SP-3	SP-3	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
164	T/U Supply Air Fan No.1 SP-3	SP-3	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
165	T/U Supply Air Fan No.2 SP-3	SP-3	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
166	T/U Return Air Fan No.1 SP-3	SP-3	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
167	T/U Return Air Fan No.2 SP-3	SP-3	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
	AIR WASHER SYSTEM PY-4																
168	Q/A Inv.Blower No.A SP-4	SP-4	2	2	2	2	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
169	Q/A Blower No.B SP-4	SP-4	2	2	2	2	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
170	Q/A Washer Pump SP-4	SP-4	2	2	2	4	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
171	T/U Washer Pump SP-4	SP-4	2	2	2	4	2	2	2	2	2	2	2	2	2	SP-STAFF MUT-QF 06	
172	Q/A Return Air Fan No.1 SP-4	SP-4	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
173	Q/A Return Air Fan No.2 SP-4	SP-4	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
174	T/U Supply Air Fan No.1 SP-4	SP-4	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
175	T/U Supply Air Fan No.2 SP-4	SP-4	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
176	T/U Return Air Fan No.1 SP-4	SP-4	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
177	T/U Return Air Fan No.2 SP-4	SP-4	1	1	1	1	1	1	1	1	1	1	1	1	1	SP-STAFF MUT-QF 06	
																</	



Yearly Planning Schedule for Preventive Maintenance & Repairing															Page No.	10 of 20	
1) : Check 2) : Vibration Inspection 3) : Clean 4) : Add Lubricant 5) : Change Lubricant 6) : Overhaul															Initiator	Engineer	Manager
															Mr.Apakorn K.	Mr.Apakorn K.	Mr.Thawat K.
Date ..5../..Jan../..2022..																	





















Yearly Planning Schedule for Preventive Maintenance & Repairing															Page No.	20 of 20		
1) : Check 2) : Vibration Inspection 3) : Clean 4) : Add Lubricant 5) : Change Lubricant 6) : Overhaul															Initiator	Engineer	Manager	
															Mr.Apakorn K.			Mr.Apakorn K.
Date ..5../..Jan../..2022..																		
Item	Equipment Name	Location	Yearly Plan 2022												Responsibility	Refer. DOCU.	Remark	
			January	February	March	April	May	June	July	August	September	October	November	December				
	BICO PLANT																	
422	Q/A Inv blower No.A	BICO	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
423	Q/A Washer pump No.A	BICO	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
424	Q/A Washer pump No.B	BICO	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
425	WCH Booster pump No.A	BICO	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 05	
426	WCH Booster pump No.B	BICO	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 05	
	WASTE WATER																	
427	Waste Pump Bico NO.A	BICO	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 02	
428	Waste Pump Bico NO.B	BICO	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 02	
429	Waste Pump Bico NO.C	BICO	1	1	1	1	1	1	1	1	1	1	1	1	1	Sr.STAFF	MUT-QF 02	
	ESFV PLANT																	
430	Q/A Inv blower No.A LUWA	ESFV	2	2	2	2	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
431	Q/A Washer pump No.A LUWA	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
432	Q/A Washer pump No.B LUWA	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
433	Washer pump No.A ,AES A-1	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
434	Washer pump No.B ,AES A-1	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
435	Washer pump No.A ,AES A-2	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
436	Washer pump No.B ,AES A-2	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
437	Booster pump No.A	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
438	Booster pump No.B	ESFV	2	2	2	4	2	2	2	2	2	2	2	2	2	Sr.STAFF	MUT-QF 05	
</																		