	OH Eksekusi mengikuti jadwal TA (Done 2022)	LER 2022	ROTARY CHILLER	RICHARD M ARMSTRONG	SCRAPED SURFACE DOUBLE PIPE CHILLER	24E2B/00	LOC1	56
	OH Eksekusi mengikuti jadwal TA (Done 2022)		ROTARY CHILI	RICHARD M ARMSTRONG	SCRAPED SURFACE DOUBLE PIPE CHILLER	24E2A/00	LOC1	55
			ROTARY CHILI	JGI RICH ARMSTG	SCRAPED SURFACE DOUBLE PIPE EXCHAN	24E1B/00	LOC1	54
	OH		ROTARY CHILI	IGERICH ARMSTG	SCRAPED SURFACE DOUBLE PIPE EXCHAN	24E1A/00	LOC1	53
	HO	2017	COMP-RECI	INGERSOLL DRESSER PUMP CO.	WET PROPANE COMP	22K1/00	LOC1	52
	II OH		BLOWER	ZURN INDUSTRIES	INDUCED DRAFT FAN	21F1K/00	LOC1	51
	OH	e di	BLOWER	ZURN INDUSTRIES	FORCE DRAFT FAN	21F1K/00	LOC1	50
	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)		STEAM TURBI	SHIN-NIPPON MACHINERY	DRIVER FOR 89K201	89K201T/00	KPC	49
PRODEST TRANSPORT PROPRESENTATION REPRESENTATION COMPARED COMPARE	CH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)		COMP-CENT	HITACHI CO LTD.	RECYCLE GAS COMPRESSOR	89K201/00	KPC	48
PARCE TRANSADO RETOVILE GASCAPRESI JOSA COMPRESISOR MARCINE MARCINE MARCINE DIAMENTE MARCINE DIA	CH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)		ROTARY VAL	UOP MONIREX	ROTARY VALVE	88A201B/00	KPC	47
PROPER TANANDO RECOVER GASPRESSA DAS COMPRESSOR MARCE PRESCUL DRESSER PAURO CO. COMPRESCO 2019 001 001 001 001 001 001 001 001 001			ROTARY VAL	UOP MONIREX	ROTARY VALVE	88A201A/00	KPC	46
PROCESSION PRO			STEAM TURB	SHIN-NIPPON MACHINERY	DRIVER FOR 86K201	86K201T/00	KPC	45
PROF. TATALOGO RETYPICE GASAFRESIA MAGERSOLL DRESSER PLUMP CO. COLUM-RECIP 2019 2			COMP-CENT	HITACHI CO LTD	RECYCLE GAS COMPRESSOR	86K201/00	KPC	4
PROF. TATALAZO RETYVEL GASGRERISHOAS COMPRESSOR MIGRISOLL DRESSER PLAMP CO. COMPRESCIP 2015 2015	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	2019 OH	BLOWER	MIKUNI KIKAI KOGYO	LIFT GAS BLOWER	84K254/00	KPC .	43 i
PROCI. TAYANAMO RECYCLE CAMASPERSI I AGA COMMER MARCHARE MARCHARE AZAMA MAR		2019 OH	BLOWER	GARDEN CITY FAN COMPANY	REG COOLER BLOWER	84K253/00	KPC C	3
PROCI TRYANDO RECYCLE GASCARRESI HAS COMPRE MARIFACTURES NAME MARIFACTURE 2010 MARIFACTURE 2011		2019 OH	BLOWER	GARDEN CITY FAN COMPANY	REG COOLER BLOWER	84K252/00	KPO C	7 6
PROCEEDING TRANSPORT TRA		+	BLOWER	GARDEN CITY FAN CO	CHLORINATION BLOW	84K251/00	KPC .	5 6
PROCEEDING TRANSPORT TRA	皇	+	COMP-RECI	KOBE STEEL, LTD	NET GAS COMPRESSOR	84K202C/00	KPC I	39
PROCESSION TRANSPORT TRA	9	+	COMP-RECI	KOBE STEEL LTD	NET GAS COMPRESSOR	84K202B/00	KPC C	38
PROCI- TRANADO RECYCLE GALSFRESH 94-36 COMPRE MACERSOLL DRESSER PLUMP CO. COMP-RECIP 2019 304 3	OH.	+	COMP-RECI	KOBE STEEL LTD	NET GAS COMPRESSOR	84K202A/00	KPO C	37
PROCI TRANSON RECYCLE CAMPERESI 4028 COMPRE MIGERSOLL DRESSER PLMP CO. COMP-RECIP 2019 2029 2039 2049 2	GH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	+	STEAM TURBI	SHIN-NIPPON MACHINERY	DRIVER FOR 84K201	84K201T/00	KPO	55 8
PROCI TRAYLANDO RECYCLE CASAFRESHI GAS COMMPR FROCI TRAYLANDO RECYCLE CASAFRESHI GAS COMMP FROCI TRAYLANDO RECYCLE CASAFRESHI GAS COMMPR FROCI TRAYLANDO RECYCLE CASAFRESHI GAS COMMPR FROCI TRAYLANDO RECYCLE CASAFRESHI GAS COMMPR FROCI TRAYLANDO RECYCLE CASA COMMP FROCI TRAYLANDO CRUMP FROM CASA COMMP FROM CASA C	CH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	-	COMP-CENT	HITACHI CO LTD	RECYCLE GAS COMPRESSOR	84K201/00	KPC C	35
RECK_ TACADO RECK_ CLEASAFRESH GAS COMPR MIGERSOLL DRESSER PLWP CO COMP-RECIP 2019 201	OH Carry over from 2022	+	COMP-RECI	KOBE STEEL LTD	NET GAS COMPRRESOR	82K201B/00	KPC I	34
RECT 1201-1000 RECYCLE GAS-FRESH GAS COMPRE MARENOLL DRESSER PLIMP COL. COMP-RECIPD 2019 2	OF I	+	COMP-REC	KOBE STEEL LTD	NET GAS COMPRRESSOR	82K201A/00	KPC	3 6
RECT 12K14000 RECTOLE GASERRESH GAS COMPR RECTOLE COMP-RECIP 2018 2019 201	CF.	+	COMP-REC	INGERSOIL BAND	RECYCLE GAS COMPRESSOR	018K101B/00	EOC3	3 5
RECYCLE GASFRESH GAS COMPR	HØ	+	COMP-RECI	INGERSOLL RAND	RECYCLE GAS COMPRESSOR	018K101A/00	EOC3	23 6
RECYCLE GASFRESH GAS COMPRESON MIGHERSOLL DRESSER PLANP CO. COMPRECIP 2019 2	OH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	2019 OH	BLOWER	GARDEN CITY	BLOWER REGENERATION	014K104/00	5003	5 6
RECYCLE CAGASTRESH GLAS COMPR MAGERSOLL DRESSER PLMP CO. COMP-RECIP 2019 2021 2021 2021 2021 2021 2021 2021 2022 202	CH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	+	BLOWER	GARDEN CITY	BLOWER CHI ORNATION	014K103/00	5002	0 0
REC. 13K1A00		+	COMP-RECI	INGERSOIL DRESSER PLIMP CO.	NET GAS BOOST COMP	0148102000	1002	7 0
PROCT TRYLADO	Carry over from 2022		COMP-REC	INGERSOIL DRESSER PLIMP CO.	NET GAS BOOST COMP	0148102800	1002	77
PROCESSER PLAND	OF THE PERSON NAMED IN COLUMN TO THE	+	COMP-RECI	INGERSOIL DRESSER PLIMP CO	NET CAS BOOST COMP	0148103400	000	200
POCI 12K1A00 RECYCLE GASFRESH GAS COMPR DRESSER PUMP CO. COMP-RECIP 2018 2029	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	+	STEAM TURB	TI IBBODYNE	TIPPINE FORMAKANA	DIAKIDITADO	000	ž į
AREA TAGNO	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	+	COMP-CENT	DRESSER CLARK	BECACLE CAS COMPRESSOR	014K101/00	000	7 5
POCI 12K1ADO PRECYCLE GASIFRESH GAS COMPR MGERSOLL DRESSER PUMP CO. COMP-RECIP 2022 2029 20	OH HO	+	COMP-REC	INGERSOLI DRESSER PUMP CO.	1ST STAGE ROYCL GAS COMPRESSOR	013K101R/00	EOC3	3 1
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE Lint OH 2023 2024 2025 2025 2029 20	Carry over from 2022	+	COMP-REC	DEECCED BAND	VECTORE BOYOL CAS COMBBESSOR	0197101010	2002	3 -
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE LAN OH 2023 2024 2025 2029 2029 2029 2029 2029 2029 2029	HO	+	COMP-REC	INGERSOLL-RAND	RECYCLE GAS COMPRESSOR	012K101R/00	FOCS	7 6
AREA TAGNO TAG DESCRIPTION SERVICE MANUFACTURE TYPE LIST OF 2023 2023	Q. S.	+	COMP-REC	INGERSOLL-RAND	RECYCLE GAS COMPRESSOR	012K101A/00	5000	ŏ
AREA TAGNO	Carry over from 2022	+	COMP-REC	INGERSOIL-RAND	CRUDE OVID GAS COMP	011K101C/00	5000	0 0
ARREA TAGNO TAG DESCRIPTION SERVICE MANUFACTURE TYPE Last OH 2023 2024 2025 2025 2025 2025 2025 2025 2025	OH OH	+	COMP-REC	INGERSOLL DRESSER PLIMP CO	CRIDE OVID GAS COMP	DIAKIDIRADO	000	0 -
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE Last OH 2023 2024 2025 2027 2028 2039 2031 2032 2033 2034 2032 2035 2031 2032 2033 2034 2032 2033 2034 2032 2033 2034 2032 2033 2034 2032 2033 2034 2032 2033 2034 2032 2033 2034 2032 2034 2032 2034 2032 2034 2032 2034 2032 2034 2032 2034 2032 2034 2032 2034 2032 2034	21	+	COMP-REC	MIKUNI JUKUGYO CO, LI U	NZ COMPRESSOR	10K601/00	FOC1	1 6
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE List OH 2023 2024 2025 2025 2029 2039 2031 2032 2039 2031 2032 2039 2031 2032 2039 2031 2032 2039 2031 2032 2039 2031 2032 2033 2031 2032 2033 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032 2031 2032	OH Eksekusi mengikuti jadwai I A (Planned 2023, 2028 & 2033)		BLOWER OF	SUNDYNE	BLOWER	14K653/00	FOC1	5
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE List OH 2023 2024 2025 2025 2029 2039	HO H		BLOWER OH	SUNDYNE	SPENT CATALYST LIFT GAS BLOWER	14K652/00	FOC1	14
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE List OH 2023 2024 2025 2025 2029 2039 2031 2032 2039 2031 2032 2039 2031 2032 2033	HOI	2019 OH	BLOWER	ILLINOIS BLOWER, INC.	COOLER BLOWER	14K651/00	FOC1	13
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE Last OH 2023 2024 2025 2029 2039 2031 2032 2033	HO	2019 OH	BLOWER	ILLINOIS BLOWER, INC.	REGENERATION BLOWER	14K650/00	FOC1	12
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE Last OH 2023 2024 2025 2029 2039 2031 2031 2032 2039 2031 2031 2032 2033 2031 2031 2031 2032 2033 2031 2031 2032 2033 2031 2031 2032 2033 2031 2032 2033 2031 2032 2033 2031 2032 2033 2031 2032 2033 2031 2032 2033 2031 2032 2033 2031 2032 2031 2031 2032 2031 2031 2031 2032 2031	OH		COMP-RECI	MIKUNI JUKOGYO CO.,LTD	LP NITROGEN COMPRESSOR	14K621B/00	FOC1	=
AREA TAGNO			COMP-RECII	MIKUNI JUKOGYO CO.,LTD	LP NITROGEN COMPRESSOR	14K621A/00	FOC1	0
AREA TAGNO	OH THE		COMP-RECI	KOBE STEEL LTD	NET GAS COMPRESSOR	14K602B/00	FOC1	9 0
AREA TAGNO	OH	\pm	COMP-RECI	KOBE STEEL LTD	NET GAS COMPRESSOR	14K602A/00	EOC 1	00 -
AREA TAGNO TAG DESCRIPTION [SERVICE] MANUFACTURE TYPE List OH 2023 2024 2025 2025 2029 2039 2031 2032 2033		\pm	STEAM TURBI	TERRY TURBINE	TUBB E/ RECYCLE GAS COMP	14K1T/00	500	4 0
FOC1 12K1A/00 RECYCLE GAS/FRESH GAS COMPR INGERSOLL DRESSER PUMP CO. COMP-RECIP 2023 2024 2025 2026 2030 2031 2033 2033 FOC1 12K1A/00 RECYCLE GAS/FRESH GAS COMPR INGERSOLL DRESSER PUMP CO. COMP-RECIP 2018 OH		+	COMP.CENT	DRESSER CLARK	BECACLE CAS COMP	13/10/00	200	0 0
FOC1 12K1A/00 RECYCLE GAS/FRESH GAS COMPR INGERSOLL DRESSER PUMP CO. COMP-RECIP 2023 2024 2025 2026 2037 2038 2031 2033 FOC1 12K1A/00 RECYCLE GAS/FRESH GAS COMPR INGERSOLL DRESSER PUMP CO. COMP-RECIP 2018 OH	OH	+	COMP-RECI	INGERSOIL DRESSER PLIMP CO.	MAKE IID RECYCLE COMP	13K1B/00	2	4 n
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE Last 0H 2023 2024 2025 2026 2037 2038 2031 2033 FOC1 12K1A/00 RECYCLE GAS/FRESH GAS COMPR INGERSOLL DRESSER PUMP CO. COMP-RECIP 2018 OH	CH WIT	+	COMP-RECI	DEEDSOIL DEESSEE BLIMD CO	MAKE HE BECYCLE COMP	12K1C/00	000	63
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE Last OH 2023 2024 2025 2026 2027 2028 2029 2031 2031 2033 FOC1 12K1A/00 RECYCLE GAS/FRESH GAS COM/PR INGERSOLL DRESSER PUMP CO. COMP-RECIP 2018 OH OH OH OH OH	GH CH	+	COMP-RECI	INGERSOLL DRESSER PUMP CO.	RECYCLE GAS/FRESH GAS COMPR	12K1B/00	FOC1	N
AREA TAGNO TAG DESCRIPTION (SERVICE) MANUFACTURE TYPE Last OH 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033	2	2018	COMP-RECI	INGERSOLL DRESSER PUMP CO.	RECYCLE GAS/FRESH GAS COMPR	12K1A/00	FOC1	
ADEA TAGING TAGING SERVICES MANUFACTURE TYPE ast OH 2023 2024 2025 2026 2027 2028 2029 2031 2032 2033				THE PARTY OF THE P	the present tion or sent	CHOCK	Service S	C
	2028 2029 2030 2031 2032 2033	2024 2025 2026	TYPE	MANUFACTURE	TAG DESCRIPTION / SERVICE I	TAGNO	ADEA	5

Eksekusi mengikuti jadwal TA (Planned 2024 & 2029) CH		2000	COMBOENT	ELLIOT ERARA	HEAT DI IMP COMPRESSOR	1011/00100	2000	2
		2019 OH	STEAM TURBINE	ELLIOT EBARA	COMPRESSOR	0	RFCC	=======================================
		2019 OH	COMP-CENT.	ELLIOT EBARA			RFCC	10
		2019 OH	STEAM TURBINE	MAN DIESEL & TURBO SE	I AIR BLOWER	٥	RFCC	109
		2019 OH	BLOWER	MAN DIESEL & TURBO SE	MAIN AIR BLOWER		RFCC	108
		2019 OH	STEAM TURBINE	DRESSER RAND SALE HAVRE OPER	TURBINE FOR FORCE DRAFT BLOWER	ō	RFCC	107
		2019 OH	BLOWER	AEROMECCANICA STRANICH	FORCE DRAFT BLOWER		RFCC	8
GH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)		2019 OH	BLOWER	AEROMECCANICA STRANICH	FORCE DRAFT BLOWER	1/00	RFCC	6
OH Eksekusi mengikuti jadwal TA (Planned 2023, 2028 & 2033)	Ho	2019 OH	PUMP-BB-MSTG	UNITED	CDU 1 FEED PUMP		MO	104
OH Eksekusi mengikuti jadwal TA (Planned 2023, 2028 & 2033)	ОН	2019 OH	PUMP-BB-MSTG	UNITED	CDU 1 FEED PUMP		MO	103
OH HO	CHO	2019	PUMP-BB-SSTG	INGERSOLL RAND	CRUDE CDU 2 FEED PUMP		MO	2
OH Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)		2019 OH	PUMP-BB-SSTG	INGERSOLL RAND	CRUDE CDU 2 FEED PUMP		MO	3
Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)		2019 OH	PUMP-BB-SSTG	INGERSOLL RAND			MO	8
OH OH	9	2020	VACUUM FILTER	EIMCO			LOC3	99
9	.0	2022	VACUUM FILTER	EIMCO		240S101C/00	LOC3	98
	НО	2022	VACUUM FILTER	EIMCO		240S101B/00	LOC3	97
OH	OH	2021	VACUUM FILTER	EIMCO	ROTARY DRUM VACUUM FILTER	240S101A/00	LOC3	96
OH Eksekusi mengikuti jadwal TA (Planned 2023, 2028 & 2033)	HO	2016 OH	BLOWER	CHICAGO BLOWER	FORCED DRAFT FAN	260K151/00	LOC3	95
		2021	COMP-RECIP	NUOVO PIGNONE SPA	FRESH GAS COMPRESSOR	260K101B/00	LOC3	94
DH HO	PH	2017	COMP-RECIP	NUOVO PIGNONE SPA	FRESH GAS COMPRESSOR	260K101A/00	LOC3	93
Eksekusi mengikuti jadwai I A (Hanned 2023, 2028 & 2033)	OH	2016 OH	STEAM TURBINE	DRESSER-RAND	TURBINE FOR 240K102	240K102T/00	LOC3	92
	HO	2016 OH	COMP-CENT.	DRESSER-RAND	PROPANE COMPRESSOR	240K102/00	LOC3	91
of their	OH	2016 OH	GEARBOX	WESTECH	GEAR BOX FOR 240K101	240K101G/00	LOC3	90
220	HO	2016 OH	COMP-CENT.	DRESSER-RAND	INERT GAS COMPRESSOR	240K101/00	LOC3	89
	CH	2022	ROTARY CHILLER	BABCOCK-BORSIG	SCRAPED SURFACE DOUBLE PIPE CHILLER	240E102D/00	LOC3	88
	CI CI	2016 OH	ROTARY CHILLER	BABCOCK-BORSIG	SCRAPED SURFACE DOUBLE PIPE CHILLER		LOC3	87
	CI	2019 WH	ROTARY CHILLER	BABCOCK-BORSIG	SCRAPED SURFACE DOUBLE PIPE CHILLER		LOC3	86
	QI.	2022	ROTARY CHILLER	DEUTSCHE BABCOCK-BORSIG	SCRAPED SURFACE DOUBLE PIPE CHILLER	240E102A/00	LOC3	85
	CH	2021	ROTARY CHILLER	BABCOCK-BORSIG	SCRAPED SURFACE DOUBLE PIPE EXCHANGEBABCOCK-BORSIG		LOC3	84
	-	2020	KOTARY CHILLER	BABCOCK-BORSIG	SCRAPED SURFACE DOUBLE PIPE EXCHANGE	240E101A/00	LOC3	83
Evagoras Hai Birdin Jadwai 10 (Liaillian Foro) Foron Proce)		E107	COMP-RECIT	DRESSER-RAND	PROPANE COMPRESSOR		LOC3	82
Eksekhei mengikuti jadwal TA (Planned 2023, 2028 & 2033)		2022	VACUUM FILIER	EIMCO	ILTER	0	LOC2	83
		THE PARTY OF THE P	VACUUM FILIER	EIMCO			LOC2	80
		CI	VACUUM FILIER	EIMCO		L	LOC2	79
			VACOUM FILTER	EIMCO			LOC2	/8
OH MINORING MANUSING JOHN MANUSING MANUSING	2	7010	VACHILIM EIL TED	IORBODYNE	TORBINE FOR/025TIOIA	0	LOC2	1 7
F. 10	2 3	2010	STEAM THERINE	TIBBODYNE TIBBODYNE	TMT, HOLOLORO		LOC2	1 3
232		2010	DIME DE CETO	LORBOUYNE	TURBINE FURNIZAKTOZ		LOC2	75
10.0		2016	COMP-CENT.	CREWSER CLARK	PROTANE COMPRESSOR		LOC2	74
The Eksekusi mendikuti jadwal TA (Planned 2023, 2028 & 2033)	200	2010	GEARBOX	WESTECH	GEAR F/INERT GASCOMP	0	LOC2	73
Eksekusi mengikuti jadwai TA (Planned 2023, 2020 9, 2020)	101	2016 OH	COMP-CENT.	INGERSOLL DRESSER PUMP CO.	INERT GAS COMPRESSOR		LOC2	72
OH The Property of the Propert	OH	2022	ROTARY CHILLER	BORSIG	SCRAPED SURFACE DOUBLE PIPE CHILLER	024E102D/00	LOC2	71
OH	9	2022	ROTARY CHILLER	BORSIG	SCRAPED SURFACE DOUBLE PIPE CHILLER	024E102C/00	LOC2	70
ОН	НО	2020 OH	ROTARY CHILLER	BORSIG	SCRAPED SURFACE DOUBLE PIPE CHILLER	024E102B/00	LOC2	69
O.F.	HO	2020 OH	ROTARY CHILLER	BORSIG			LOC2	68
OH HO	OH:	2021	ROTARY CHILLER	BORSIG	SCRAPED SURFACE DOUBLE PIPE EXCHANGE		LOC2	67
HO MA	OH IO	2021	ROTARY CHILLER	BORSIG	PIPE EXCHANGE	0	1002	66
OH Eksekusi mengikuti jadwal TA (Planned 2023, 2028 & 2033)	НО	2016 OH	COMP-RECIP	INGERSOLL DRESSER PUMP CO.	//PRESSOR		LOC2	65
OH Eksekusi mengikuti jadwal TA (Planned 2023, 2028 & 2033)	ОН	2016 OH	BLOWER	SOLYVENT-VENTEC		1/00	1002	2
OH	HO	2020	VACUUM FILTER	EIMCO			0001	63
OH.	2	2020	VACUUM FILTER	FIMCO			200	3 -
	오	2022	VACUUM FILTER	EIMCO	YILIM FILTER		200	2 8
OH Eksekusi mengikuti jadwal TA (Planned 2023, 2028 & 2033)	HO	2017 OH	STEAM TURBINE	DRESSER-CLARK	TURBINE FOR 24K2		000	3 8
	9	2017 OH	COMP-CENT	DRESSER CLARK	PROPANE COMP	24K2/00	200	5 6
	P	2017 OH	GEARROX	WESTERN CLASS	GEAR INCR ESSAK1		200	0 0
OH Eksekusi mengikuti jadwal TA (Planned 2023, 2028 & 2033)	0	2007		DOTOGOD CLADA				
2029 2030 2031 2032 2033 REMARKS	2025 2026 2027 2028 20	Last OH 2023 2024	TYPE	MANUFACTURE	TAG DESCRIPTION (SERVICE)	TAGNO	AREA	5

100	182	101	160	159	158	157	156	n - C	150	100	151	150	149	148	147	146	145	144	143	142	141 U	140 U			137 U	136 U		134 U		132 U	131 U	130 U	129 U	128 U	127 U	126 U	125 U	124 U	123	122	121	120	110	717	116	115	114	113	ON
1	1		JT.	UTL	UTL	UTL	UTL OIL	H	3 5	F	3 5	1	UTL	UTL	UTL	UTL	UTL	UTL	UTL	UTL	UTL RFCC	UTL RFCC	TL RFCC	UTL RFCC	UTL RFCC	TL RFCC	UTL RFCC	UTL RFCC	UTL RFCC	UTL RFCC	UTL RFCC	UTL RFCC	TL RFCC	TL RFCC	UTL RECC	UTL RFCC	UTL RFCC	UTL RFCC	GTO	GTO	GTO	GTO	GTO	GIO	GTO	GTO	GTO	RFCC	AREA
536717100	5284K-T/00	5281K/00	590A301K1/00	560K601B/00	560K601A/00	56K201/00	560K302/00	560K304/00	56K10200	00/6/35	200/1/00	510G601T/00	51G3T/00	51G2T/00	51G1T/00	510G301T/00	51G201T/00	051G103T/00	051G102T/00	051G101T/00	152G501C-T/00	152G501B-T/00	UTL RFCC 152G501A-T/00		158A501K1A/00	UTL RECC 151B501C-K1T/00		151B501B-K1T/00	151B501B-K1/00	151B501A-K1T/00	151B501A-K1/00	156K502B-T/00	UTL RFCC 156K502B/00	UTL RFCC 156K502A-T/00	156K502A/00	156K501B/00	156K501A-T/00	156K501A/00	120K601B/00	120K601A/00	108K502B/00	108K502A/00	108K501A/00	TUSKSUTGE/UU	105K501/00	105F501K2/00	105F501K1/00	104K501T/00	TAGNO
EOBCE DRAFT FAN BOILER	DRIVER FOR FOR BOIL FR	EORGE DRAFT FAN BOILER	AIR COMPRESSOR - N2 PLANT	INSTRUMENT AIR COMPRESSOR	INSTRUMENT AIR COMP 50 056 5612	INSTRUMENT AIR COMPRESSOR	INSTRUMENT AIR COMPRESSOR	STEAM TURBINE GENERATOR (8 M-)	STEAM TURBINE GENERATOR (8 M)	STEAM TURBINE GENERATOR (20 M)	STEAM TURBINE GENERATOR (15 MW)	STEAM TURBINE GENERATOR (15 MW)	STEAM TURBINE GENERATOR (15 MW)	AIR COMPRESSOR - N2 PLANT		\rightarrow		DRIVER FOR FDF BOILER	FORCE DRAFT FAN BOILER	DRIVER FOR FDF BOILER	FORCE DRAFT FAN BOILER	TURBINE DRIVER	AIR COMPRESSOR	TURBINE DRIVER	AIR COMPRESSOR	AIR COMPRESSOR	TURBINE DRIVER	AIR COMPRESSOR	RECYCLE GAS COMPRESSORS	RECYCLE GAS COMPRESSORS	PSA OFFGAS COMPRESSOR	PSA OFFGAS COMPRESSOR	HYDROGEN COMPRESSOR	G.BOX F/ RECYCLE GAS COMPRESSOR	RECYCLE GAS COMPRESSOR	INDUCED DRAFT FAN	FORCED DRAFT FAN	TURBINE FOR HEAT PUMP COMPRESSOR	TAG DESCRIPTION (SERVICE)										
CHICAGO BI OWER	TURBODYNE	WESTING HOUSE	INGERSOL RAND	FS-ELLIOTT CO. LLC	FS-ELLIOTT CO. LLC	INGERSOLL RAND	INGERSOLL RAND	INGERSOI BAND	INGERSOIL RAND	NGERSOI BAND	INGERSOL RAND	GE THERMODYN	ELLIOTT	ELLIOTT	NUOVO PIGNONE	DRESSER RAND	DRESSER RAND	TURBODYNE	TURBODYNE	TURBODYNE	SHIN NIPPON MACHINERY CO. LTD.	SHIN NIPPON MACHINERY CO. LTD.	SHIN NIPPON MACHINERY CO. LTD.	INGERSOLL RAND	INGERSOLL RAND	SHIN NIPPON MACHINERY CO. LTD.	MITSUYA FAN MFG.CO.LTD.	SHIN NIPPON MACHINERY CO. LTD.	MITSUYA FAN MFG.CO.LTD.	SHIN NIPPON MACHINERY CO. LTD.	MITSUYA FAN MFG,CO.LTD.	DRESSER RAND	ELLIOT EBARA	DRESSER RAND	ELLIOT EBARA	ELLIOT EBARA	DRESSER RAND	ELLIOT EBARA	KOBE STEEL LTD	KOBE STEEL LTD	KOBE STEEL LTD	KOBE STEEL LTD	KOBE STEEL LTD	SCISA GEAN	SEISA GEAR	AEROMECCANICA STRANICH	AEROMECCANICA STRANICH	ELLIOT EBARA	MANUFACTURE
CENT FAN	STEAM TURBINE	CENT FAN	COMP-SCREW	COMP-CENT.	COMP-CENT.	COMP-CENT.	COMP-CENT.	COMP-SCREW	COMP-RECIP	COMP-RECIP	COMP-RECIP	COMP-RECIP	STEAM TURBINE	STEAM TURBINE	STEAM TURBINE	STEAM TURBINE	STEAM TURBINE	STEAM TURBINE	STEAM TURBINE	COMP-CENT.	COMP-CENT.	STEAM TURBINE	CENT FAN	STEAM TURBINE	CENT FAN	STEAM TURBINE	CENT FAN	STEAM TURBINE	COMP-CENT.	STEAM TURBINE	COMP-CENT.	COMP-CENT.	STEAM TURBINE	COMP-CENT.	COMP-RECIP	COMP-RECIP	COMP-RECIP	COMP-RECIP	COMP-RECIP	COMP-RECIP	GEARBOX	BLOWER THAT	BLOWER	STEAM TURBINE	1777				
2019	2019	2019	2018	2019	2019	2021	2017 OH	2022	2021	2021	2020	2019	2017	2014 SH	2019	2015	2016	2021	2018	2012	2015	2019	2015 OH	2018 OH	2018 OH	2015 OH	2015 OH	2015 OH	2015 OH	2015 OH	2015 OH	2015	2020	2015	2019	2022	2015	2022	2019	2019	2015	2015	2015	2015	2019				2020
HO	НО	HO	HO	CH	HO	OH					HO	OH	NO.			HC	HIO			OH I	H											9	OH	PH	¥		DH.			OH		9		OH.	_			H	
1	-	+	2	2	+		9	HO	오	P		+	+		CH	2	+	+	TO H			9			P					H			-			오		OH	9		Ha		OF	+	+		1	-	
			Q.														+	+						CH		H	Q	P	HO	OH.	9	오	9	HOH	H		유		İ				1		9 9	2 5	2 9	2 9	
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Men	Men	Men			+		HC		HC		+	+	+	017		-			+		H		-		\parallel	Meny	Men	Meny	Men	Meny	Meny	Ekse	Ekse	Ekse	Ekse	H	Ekse	-		-		H	+	+	Runn	Runn	Ekse	Eksel	1
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	Menyesuaikan Stop/OH Boiler (Last OH Boiler 2022)	Menyesuaikan Stop/OH Boiler (Last OH Boiler 2022)																								Menyesuaikan schedule Stop/OH Boiler	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	Eksekusi mengikuti jadwai TA (Planned 2024 & 2029)		Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)								Running Hours Rendah, Planned TA 2029	Running Hours Rendah, Planned TA 2029	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	Eksekusi mengikuti jadwal TA (Planned 2024 & 2029)	The control of the co					

Menyesuaikan Stop/OH Boiler (Manned OH Boiler 2023)		1	0		_	-	_	P			2019	STEAM TURBINE	ELLIOTT EBARA		DRIVER FOR FDF BOILER	520B601K1-T/00	UTL	187
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	+		HO	-	-			HO			2019	CENT FAN	SAMWON E&B CO.,LTD		FORCE DRAFT FAN BOILER	520B601K1/00	UTL	186 (
	HOH			+	-	HO	-				2019	STEAM TURBINE	ELLIOTT		DRIVER FOR FDF BOILER	520B401K1-T/00	UTL	
	P	+	\vdash	-	-	9					2020	CENT FAN	HOWDEN		FORCE DRAFT FAN BOILER	520B401K1/00		
Menyesuaikan schedule Stop/OH Boller	ľ	HO	+	+	-	L	2				2020	STEAM TURBINE	ELLIOT		DRIVER FOR FDF BOILER	520B301K1-T/00	UTL	
Menyesuaikan schedule Stop/OH Boiler		HO	-	-		-	2				2020	CENT FAN	HOWDEN BUFFALO		FORCE DRAFT FAN BOILER	520B301K1/00		
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)			-	9			L			ОН	2019	STEAM TURBINE	SHIN NIPPON MACHINERY CO. LTD.		DRIVER FOR FDF BOILER	52B201K1-T/00		П
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)			-	P						ОН	2017	CENT FAN	NIHON KLINGAGE CO. LTD.		FORCE DRAFT FAN BOILER	52B201K1/00	UTL	П
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)		=	POH					HO			2018	GEARBOX	TURBODYNE		GEARBOX FOR FDF BOILER	052B104K-G/00	UTL	
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	-	I I	HO					HO			2018	STEAM TURBINE	TURBODYNE		DRIVER FOR FDF BOILER	052B104K-T/00	UTL	
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	-		HO	-				HOH			2018	CENT FAN	WATANABE MFG		FORCE DRAFT FAN BOILER	052B104K/00	UTL	
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	-			H		-				HO	2018	GEARBOX	TURBODYNE		GEARBOX FOR FDF BOILER	052B103K-G/00	UTL	
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	+	+	+	묘	2	H				ОН	2018	STEAM TURBINE	TURBODYNE		DRIVER FOR FDF BOILER	052B103K-T/00		
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	+	H	-	9						OH	2018	CENT FAN	WATANABE MFG		FORCE DRAFT FAN BOILER	052B103K/00		
	HO	+	-			P					2020	GEARBOX	TURBODYNE		GEARBOX FOR FDF BOILER	052B102K-G/00		
	HO	-	-			QH.		L			2020	STEAM TURBINE	TURBODYNE		DRIVER FOR FDF BOILER	052B102K-T/00	UTL	172
	CH		-		-	PH					2020	CENT FAN	WATANABE MFG		FORCE DRAFT FAN BOILER	052B102K/00	UTL	171
Menyesuaikan Stop/OH Boiler (Last OH Boiler 2022)		-		9					PH		2017	GEARBOX	TURBODYNE		GEARBOX FOR FDF BOILER	052B101K-G/00		
Menyesuaikan Stop/OH Boiler (Last OH Boiler 2022)	-	-	E	OH		-			H		2020	STEAM TURBINE	TURBODYNE		DRIVER FOR FDF BOILER	052B101K-T/00		
Menyesuaikan Stop/OH Boiler (Last OH Boiler 2022)	+	+	H	HO			L		CH		2017	CENT FAN	WATANABE MFG		FORCE DRAFT FAN BOILER	052B101K/00	AL.	168
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)	H	+	-	P		H	-			OH	2019	STEAM TURBINE	TERRY TURBINE		DRIVER FOR FDF BOILER	52B3K-T/00	UTL	167 (
Menyesualkan Stop/OH Boiler (Planned OH Boiler 2023)	t	+	+	모		\vdash				HO	2017	CENT FAN	WESTING HOUSE		FORCE DRAFT FAN BOILER	52B3K/00		П
Menyesuaikan Stop/OH Boiler (Planned OH Boiler 2023)		E	НО	-	H	H		HO			2017	STEAM TURBINE	TERRY TURBINE		DRIVER FOR FDF BOILER	5282K-T/00	되	165
	2000	2002 1000	200	2023	2020 20	2021 20	2020 24	2 0707	2024	2023	uo ser	I TPE	MANUFACTURE	ICE)	TAG DESCRIPTION (SERVICE	TAGNO	AREA	NO A

Note:

- Usulan PM Overhaul peralatan rotating didasarkan pada "Time Based". Condition Based", dalam Master Plan hanya memuat jadwal overhaul berdasarkan "Time Based".
- Rencana overhaul berdasarkan "Condition Based" akan diusulkan saat penyusunan RKAP dengan dasar pertimbangan antara lain :
- Rekomendasi Engineer terkait mitigasi plant gap dan hasil evaluasi monitoring kondisi peralatan (BEC, BOC & Con Mon RE)
- Tındaklanjut & mitigasi hasil evaluasi risk register
 Hasil keputusan management RU IV terkait dengan optimalisasi kehandalan dan strategi bisnis perusahaan
- Rencama pelaksanaan TA pada tahun 2023, 2024, 2028 dan 2029
 Masterplan berikut sebagai pembaharuan terhadap Masterplan sebelumnya (Memo REL No. 007/KPI47300/2022-S2 tanggal 14 Januari 2022)
- Reliability Manager Procurement Manager Kartono Dwi S ME II Manager Prod. II Manager Prod. III Manager Tur Istanto Widodo MPS Manager Hermawan

NOTA



Cilacap, 28 Desember 2022

Kepada

: 1. SMOM

Manager MPS
 Manager ME-1
 Manager ME-2

5. Manager Production I6. Manager Production II7. Manager Production III8. Manager Procurement

9. Manager TA

Dari

: Manager Reliability

Perihal

: Permohonan Persetujuan Update Master Plan Overhaul Schedule

Rotating Equipment Tahun 2023-2033 RU IV Cilacap

Terlampir disampaikan hasil review Master Plan Overhaul Schedule Rotating Equipment Tahun 2023-2033 sebagai pembaharuan master plan sebelum nya (Ref. Memo Manager Reliability No. 007/KPI47300/2022-S2 tanggal 14 Januari 2022).

Demikian disampaikan, mohon persetujuan dan atas perhatiannya diucapkan terima kasih.

Manager Reliability,

Ikwan Rosadi