

LAMPIRAN A Daftar Beban dan Jam Operasional di WTP

PT. MALIGI PERMATA INDUSTRIAL ESTATE
ESTATE UTILITIES DIVISION

FORM. 04.07.007.G

MOTOR PUMP CHECK LIST

DATE: *12 Nov 01 Feb 2017*

Supervisor	Checker
	<i>[Signature]</i>

NAME OF PUMP AND MECHANICAL EQUIPMENT LOCATED ON WTP				MOTOR CAPACITY	CHECK ITEM												REMARKS
No.	EQUIPMENT	CODE	KW		VOLTAGE	AMPERE	TEMPERATURE	BEARING CONDITION	COUPLING RUBBER	GLAND PACKING	GREASE CONDITION	OIL LEVEL	NOISE / VIBRATION	VALVE CONDITION & POSITION	DAMAGE OR LEAKAGE	DISCHARGE PRESSURE KG/CM2	
DAILY INSPECTION	1	PAC PUMP	P-001 A/B/C	0.2													
	2	POLYMER PUMP	P-002 A/B/C	0.2													
	3	POLYMER PUMP	P-003 D/E	0.2													
	4	NaClO PUMP	P-003 A/B/C	0.2													
	5	SLUDGE PUMP	P-004 A/B/C	3.7													
	6	BACKWASH PUMP	P-005 A	3.7		45										1.0	
	7	BACKWASH PUMP	P-005 B	3.7		45										1.0	
	8	TRANSMISSION PUMP	P-006 A/B/C/D	55		85/86										4.5/4.6	
	9	TRANSMISSION PUMP	P-006 E/F/G/H	75		110										5.8	
	10	CLEARATOR AGITATOR	M-001 A	3.7													
	11	CLEARATOR AGITATOR	M-001 B	3.7													
	12	CLEARATOR AGITATOR	M-001 C	3.7													
	13	CLEARATOR AGITATOR	M-001 D	3.7													
	14	POLYMER AGITATOR	V-002 A/B	3.7													
	15	AIR COMPRESSOR		2.2													

Note :
 Good *Input for Agitator Clearator D Erip kode 061*
 Defect
 Bad

OPERATION TIME

NO	EQUIPMENT	CODE	A	B	C	D	E	F	G	H
1	PAC PUMP	P-001		1730						
2	POLYMER PUMP	P-002		1730	1730	1730	1730			
3	NaClO PUMP	P-003	1730	1730						
4	SLUDGE PUMP	P-004	1730		1730					
5	BACKWASH PUMP	P-005	1730	1730		1730	1730			
6	TRANSMISSION PUMP	P-006	1730	1730		1730	1730			
7	CLEARATOR AGITATOR	M-001	1730	1730	1730	1730				
8	POLYMER AGITATOR	V-002	1730	1730						
9	AIR COMPRESSOR		1730							

LAMPIRAN B Daftar Beban dan Jam Operasional di STP

PT. MALIGI PERMATAMAS INDUSTRIAL ESTATE
ESTATE UTILITIES DIVISION

FORM. 04.07.007.H

MOTOR PUMP CHECK - LIST

Supervisor	Checker
	<i>[Signature]</i>

DATE: Rabu, 01-02-2017

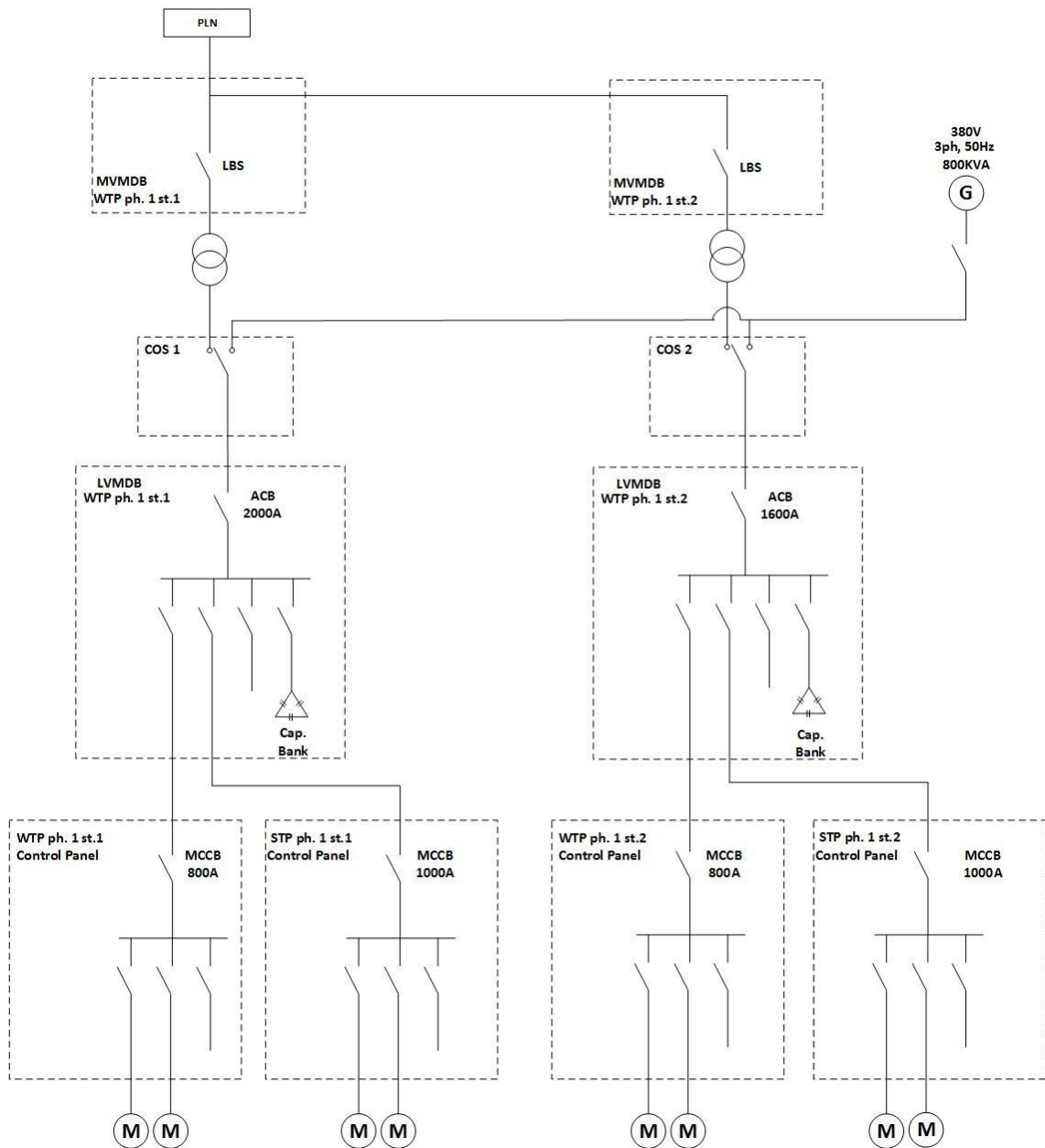
NAME OF PUMP AND MECHANICAL EQUIPMENT LOCATED ON STP				MOTOR CAPACITY	CHECK ITEM														REMARKS
					VOLTAGE	AMPERE	TEMPERATURE	BEARING CONDITION	COUPLING RUBBER	GLAND PACKING	GREASE CONDITION	OIL LEVEL	NOISE / VIBRATION	VALVE CONDITION & POSITION	DAMAGE OR LEAKAGE	DISCHARGE PRESSURE KG/CM2	BELT CONDITION		
DAILY INSPECTION	No.	EQUIPMENT	CODE	KW															
	1.	GRIT PUMP	P-101 A/B/C/D	1.5	440														
	2.	INFLUENT PUMP	P-102 A/B/C	37															
	3.	INFLUENT PUMP	P-102 D/E/F	37		64											1.8		
	4.	EQUALIZATION TANK PUMP	P-103 A/B/C	11		19											0.8		
	5.	EQUALIZATION TANK PUMP	P-103 D/E/F	11															
	6.	RETURN SLUDGE PUMP	P-104 A/B/C	11		14/13													
	7.	RETURN SLUDGE PUMP	P-104 D/E	11		14													
	8.	NaClO PUMP	P-105 A/B/C	0.2															
	9.	THICKENED SLUDGE PUMP	P-106 A/B	2.2															
	10.	EQUALIZATION BLOWER	B-101 A/B	30		40/40													
	11.	EQUALIZATION BLOWER	B-101 C/D	30															
	12.	CONTACT AERATOR BLOWER	B-102 A/B	37		59													
	13.	SURFACE AERATOR	M-103 A/B	37		55													
	14.	SURFACE AERATOR	M-103 C/D	37		53/30													
	15.	SETTLING TANK REDUCER	M-104 A/B	0.4															
	16.	SETTLING TANK REDUCER	M-104 C/D	0.4															
	17.	SLUDGE SCRAPER THICK	M-105	0.4															
18.	BABY COMPRESSOR	BC-001 A	2.2																
Note:				- Grit (CB/C) = Di lepas. - Inf (CB) = Cable feeder trouble. - Defect - E/F (CB) = Motor trouble. - Bad - Surf (CB) = Aerator overs. - Surf (CC) = Motor slow.															

OPERATION TIME

NO	EQUIPMENT	CODE	A	B	C	D	E	F	G	H
1	GRIT PUMP	P-101	STOP	*	*	STOP				
2	INFLUENT PUMP	P-102	STOP	TRUBLE	STOP	STOP	10.59	STOP		
3	EQUALIZATION TANK PUMP	P-103	24.00	STOP	STOP	STOP	TRUBLE	STOP		
4	RETURN SLUDGE PUMP	P-104	STOP	24.00	24.00	STOP	24.00			
5	NaClO PUMP	P-105	24.00	STOP	STOP					
6	THICKENED SLUDGE PUMP	P-106	01.00	01.00						
7	EQUALIZATION BLOWER	B-101	24.00	24.00	STOP	STOP				
8	CONTACT AERATION BLOWER	B-102	24.00							
9	SURFACE AERATOR	M-103	24.00	24.00	TRUBLE	24.00				
10	SETTLING TANK REDUCER	M-104	24.00	24.00	24.00	24.00				
11	SLUDGE SCRAPER THICKENER	M-105	24.00							
12	BABY COMPRESSOR	BC-001	AUTO							

LAMPIRAN C Single Line Diagram PT. Maligi Permata Industrial Estate

WTP ph.1 Single Line Diagram



LAMPIRAN D Nameplate Transformator yang Dipakai

