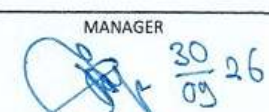


SURAT PERMINTAAN BARANG

No	Kode Barang	Nama Barang	Merk / Brand	Type	Spesifikasi	Satuan	Riwayat Pembelian				Stok Saat Ini	Minimum Stok	Jumlah Permintaan	No Justifikasi
							Tanggal	Jumlah	No SPB	Supplier				
1	IMO20303	Temperatur Controller	Autonics	TK4S - 14 RN		PCS	23-Apr-25	3	P25T0187	SAHABAT MITRA INTRABUANA. PT	2	2	3	SP-ELC-150
2	IMO12001	Lampu Mixing		MR16	Lampu LED + Fitting Lampu MR16 7W, 24Volt Natural 4000K	PCS	09-Oct-25	3	P25T0620	CV. Daya Manunggal Teknik	6	4	6	SP-ELC-130
3	IMO20321	Thermal Overload			5 - 8 A TR13D TR - ON/3	PCS	17-Jun-26	3	TK260450	PT ASIAPARTS INDOTECH	1	2	3	SP-ELC-024
4	IMO13151	Contactor	Mitsubishi		SN - 10	PCS	12-Aug-26	3	TK260713	PT ARMADA BANGUN SEJAHTERA	3	2	3	SP-ELC-100
5	IMO13151	Contactor	Mitsubishi		SN - 20	PCS	12-Aug-26	3	TK260713	PT ARMADA BANGUN SEJAHTERA	1	2	3	SP-ELC-101
6	IMO13000	MCB	Schneider		6A 1 Phase	PCS	07-Nov-25	8	P25T0702	CAHAYA KENARI MAS	0	5	8	SP-ELC-151

Catatan :

Permintaan Temperatur Controller, Lampu Mixing, Thermal Overload , Contktor SN-10, Contactor SN-20, & MCB 6A 1 Phase ,. Sudah berada pada minimum stock sehingga perlu diajukan terhadap Temperatur Controller, Lampu Mixing, Thermal Overload , Contktor SN-10, Contactor SN-20, & MCB 6A 1 Phase Tersebut.

SPAREPARTS CONTROLLER  30/09/26 AJKA AMIRIN	Asst. Manager  30/09/26 FIRMAN AB	MANAGER  30/09/26 HERMAWAN WIDYAPRASETYA
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**mersi***Good Quality Improves Life's Quality*PT. MERSIFARMA TM.
SUKABUMI-INDONESIA

SPAREPARTS JUSTIFICATIONS

Nomor :

Tanggal : 12 Juli 2024

Revisi : 00

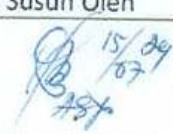
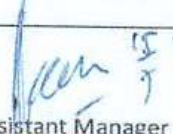
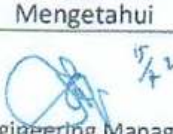
NAMA BARANG	Temperature Controller
TYPE / BRAND	TK4S-14RN / Autonics
DIGUNAKAN UNTUK	HVAC, Oven Salvis, Dissolution Tester, FBG, FBD, dan Blister DPH 250 E
PEMBELIAN	Lokal

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	HVAC	Produksi U. 1	3	1	3
2		Produksi U. 1 Steril	3	3	9
3		Produksi U.4	3	1	3
4	Oven Salvis	Lab Mikro	1	1	1
5		Lab Unit 2 Lantai 2	1	1	1
6	Dissolution Tester	Lab RND	4	1	4
7		Lab QC	6	1	6
8		Produksi U.1	1	1	1
9		Produksi U.2	1	1	1
10		Produksi U.3	1	1	1
11		Produksi U.4	1	1	1
12	FBG	Produksi U.1	3	1	3
13		Produksi U.3	1	1	1
14		Produksi U.4	1	1	1
15	FBD	Produksi U.4	3	1	3
16	Blister DPH 250 E	Produksi U.1	3	3	9
TOTAL TEMPERATURE CONTROLLER TK4S-14RN TERPASANG					48 Pcs

A	Mean Time Between Failure (MTBF)	48 Months
B	MTBF Assumption	48 Months
C	Avarage Months consumption	48 Pcs/ 48 Months = 1 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	$(C \times D) = 1 \times 2 = 2 \text{ Pcs}$
F	Decide to maintain Order Point (100% - 150%)	$(150\% \times E) = 150\% \times 2 = 3 \text{ Pcs}$

PROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
2	3

Di Susun Oleh	Diperiksa		Mengetahui
 15/04/07 AST	 15/04/07 TSA Supervisor Compliance	 15/04/07 Assistant Manager	 15/04/07 Engineering Manager

V-3

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : SP-ELC-130 Tanggal : 02 JULI 2026 Revisi : 00
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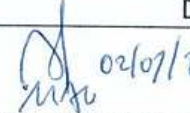
NAMA BARANG	Lampu LED
TYPE / BRAND	7 Watt, 220 Volt MR16 3000 K 24V
DIGUNAKAN UNTUK	MIXING TANK 100 L, 50 L, 200 L

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	MIXING TANK 100 L	PROSUKSI U.6A STERIL	1	1	1
2	MIXING TANK 100 L	PRODUKSI U.1 STERIL	1	1	1
3	MIXING TANK 50 L	PRODUKSI U.1 STERIL	1	1	1
4	MIXING TANK 200 L	PRODUKSI U.1 STERIL	1	1	1
5	MIXING TANK 200 L	PRODUKSI U.1 STERIL	1	1	1
TOTAL LAMPU LED TERPASANG					5 PCS

A	Mean Time Between Failure (MTBF)	5 Months
B	MTBF Assumption	5 Months
C	Avarage Months consumption	5 Pcs/ 5 Months = 1 Pcs
D	Lead Time	4 Months (From SPB)
E	Decide to maintain minimal stock	(C x D) = 4 X 1 = 4 Pcs
F	Decide to maintain Order Point (100% - 150%)	(150% x E) = 150% x 4 = 6 Pcs

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
4	6

Di Susun Oleh	Diperiksa		Mengetahui
 02/07/26 Supervisor Compliance	 02/07/26 Assistant Manager	 02/07/26 Engineering Manager	 06/07/26 Engineering Manager

L: V-13

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : SP-ELC-024 Tanggal : 26 MARET 2026 Revisi : 00
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NAMA BARANG	Thermal Overload
TYPE / BRAND	5-8 TR13D TR – ON/3
DIGUNAKAN UNTUK	Mesin Cetak, panel Aerator Dan panel Control Pompa Celup
PEMBELIAN	Lokal

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Mesin Cetak	Produksi U.1	3	1	3
2		Produksi U.2	5	1	5
3		Produksi U.3	3	1	3
4		Produksi U.4	10	1	10
5	Panel Aerator	Bak IPAL	1	1	1
6	Panel Pompa Celup	Basement Mess	1	1	1
TOTAL THERMAL OVERLOAD TH-N12KP 9.0A (7.0-11A) TERPASANG					23 Pcs

A	Mean Time Between Failure (MTBF)	30 Months
B	MTBF Assumption	30 Months
C	Average Months consumption	23 Pcs/ 30 Months = 0,8 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	$(C \times D) = 0,8 \times 2 = 1,6 = 2 \text{ Pcs}$
F	Decide to maintain Order Point (100% - 150%)	$(150\% \times E) = 150\% \times 2 = 3 \text{ Pcs}$

PROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
2	3

Di Susun Oleh	Diperiksa		Mengetahui
 26/26 03	 26/26 03 <u>Supervisor Compliance</u>	 27/26 03 <u>Assistant Manager</u>	 27/26 03 <u>Engineering Manager</u>

L : V-8

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : Tanggal : 20 Oktober 2023 Revisi : 00
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NAMA BARANG	Kontaktor
TYPE / BRAND	SN – 10 / Mitsubishi
DIGUNAKAN UNTUK	Filling Vial, Cetak, dan Boiler
PEMBELIAN	Lokal

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Filling Vial	Produksi U. 1 Steril	1	2	2
2		Produksi U. 6A Steril	1	2	2
3	Mesin Cetak	Produksi U.1	3	2	6
4		Produksi U.2	5	2	10
5		Produksi U.3	3	2	6
6		Produksi U.4	10	2	20
7	Boiler 6 Ton	Gedung Boiler Steril	1	2	2
TOTAL KONTAKTOR SN-10 TERPASANG					48 Pcs

L: V-8

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : Tanggal : 20 Oktober 2023 Revisi : 00
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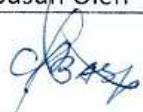
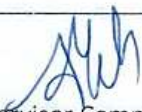
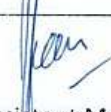
NAMA BARANG	Kontaktor
TYPE / BRAND	SN – 20 / Mitsubishi
DIGUNAKAN UNTUK	Lift Orang, Supermixer, dan Outdoor HVAC
PEMBELIAN	Lokal

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Lift Orang	Gedung Office	1	1	1
2		Mess	1	1	1
3	Super Mixer	Produksi U.1	1	1	1
4		Produksi U.3	3	1	3
5		Produksi U.4	5	1	5
6	OutDoor HVAC	Produksi U.1 Steril	11	1	11
7		Produksi U.1	11	1	11
8		Produksi U.3	5	1	5
9		Produksi U.4	13	1	13
10		Produksi U5	4	1	4
11		Lab	5	1	5
TOTAL KONTAKTOR SN-20 TERPASANG					60 Pcs

A	Mean Time Between Failure (MTBF)	60 Months
B	MTBF Assumption	60 Months
C	Avarage Months consumption	60 Pcs/ 60 Months = 1 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	$(C \times D) = 1 \times 2 = 2 \text{ Pcs}$
F	Decide to maintain Order Point (100% - 150%)	$(150\% \times E) = 150\% \times 2 = 3 \text{ Pcs}$

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
2	3

Di Susun Oleh	Diperiksa		Mengetahui
	 Supervisor Compliance	 Assistant Manager	 Engineering Manager

L V-4.

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor :
		Tanggal : 24 Januari 2024
		Revisi : 00

NAMA BARANG	MCB 1 Phase
TYPE / BRAND	6 A / Schneider
DIGUNAKAN UNTUK	Mesin Cetak, Labelling, HVAC, Pompa air, LAF, dan Panel Listrik
PEMBELIAN	Lokal

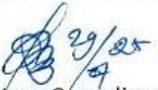
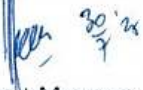
NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Mesin Cetak	Produksi U.1	3	4	12
2		Produksi U.2	5	4	20
3		Produksi U.3	3	4	12
4		Produksi U.4	10	4	40
5	Labelling	Produksi U.1 Steril	4	2	8
6		Produksi U.1	4	2	8
7		Produksi U.2	2	2	4
8		Produksi U.5	1	2	2
9		Produksi U.7 Steril	1	2	2
10	HVAC	Produksi U.1 Steril	6	2	12
11		Produksi U.1	5	2	10
12		Produksi U.2	5	2	10
13		Produksi U.3	3	2	6
14		Produksi U.4	8	2	16
15		Produksi U.5	2	2	4
16		Lab. Mikro	3	2	6

17	Pompa Air	Aqua Lama	6	1	6
18		Aqua Pharma Baru	4	1	4
19		Produksi U.1 Steril	2	1	2
20		Produksi U.1	1	1	1
21		Produksi U.2	1	1	1
22		Produksi U.3	1	1	1
23		Produksi U.4	2	1	2
24	LAF	Produksi U.1 Steril	23	1	23
25		Produksi U.1	1	1	1
26		Produksi U.2	2	1	2
27		Produksi U.3	3	1	3
28		Produksi U.6A	4	1	4
29		Produksi U.6B	8	1	8
30		Lab Mikro	3	1	3
31	Panel Listrik	Produksi U.1 Steril	1	8	8
32		Produksi U.1	1	13	13
33		Produksi U.2	2	11	22
34		Produksi U.3	1	7	7
35		Produksi U.4	1	10	10
36		Produksi U.5	1	6	6
37		Lab Mikro	1	8	8
TOTAL MCB 1 PHASE 6A TERPASANG					307 Pcs

A	Mean Time Between Failure (MTBF)	120 Months
B	MTBF Assumption	120 Months
C	Average Months consumption	307 Pcs/ 120 Months = 2,5 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	$(C \times D) = 2,5 \times 2 = 5 \text{ Pcs}$
F	Decide to maintain Order Point (100% - 150%)	$(150\% \times E) = 150\% \times 5 = 8 \text{ Pcs}$

PROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
5	8

Di Susun Oleh	Diperiksa		Mengetahui
 29/25	 29/25	 30/25	 30/25
	Supervisor Compliance	Assistant Manager	Engineering Manager

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PT. Mersifarma TM

DIVISI ENGINEERING SUKABUMI

BIN CARD V-3
ENGINEERING

V-3

NAMA BARAN Lampu LED + Fitting MR16 7 Watt - 24 V

KODE BARANG :	MINIMUM STOK :
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SATUAN	:	pcr	ORDER QTY
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TGL	IN	OUT	JUMLAH	KETERANGAN
04/25 10	3		3	CV. Daya Mandiri Teknik
28/25 10		1	2	4/ Mixing Tank
05/28 11		1	1	Unit GA 3005
23/06 26				4/ Mixing 500 l
16/26 29	6	1	0	Ampul 2054
			6 ✓	BK 858 BM. 0366

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PT. MERSIFARMA TM

DIVISI ENGINEERING
SUKABUMI INDONESIA

BIN CARD
ENGINEERING

Temperature Controller TK4S - 14RN

NAMA BARANG : LOKASI : 12MA

KODE BARANG : 1M020303 MINIMUM STOK : 2

SATUAN : pkt ORDER QTY : 3

TGL	IN	OUT	JUMLAH	KETERANGAN
27/3/24	2		2	Sahabat Mitra Intrabunda
5/7/24		1	1	1/Blister cit Unit. 1 " 1321/TK
05/07/24		1	-	1/Penggunaan mesin Blister un " 1337 /KPS/TK
06/09/24	3		3	Pr. Sahabat Mitra Intrabunda
11/2/25		1	2	4 Penggunaan blister A

TGL	IN	OUT	JUMLAH	KETERANGAN
				Urate v.1 " 269 / TH
24/25	3		5	Sabukbat munn
21/25		1	4	Intra band Blasten u.
7/6 25		1	3	" 902" v/wark H02 v.1
25/07 25		1	2	" 1040 / T u/merin bittet DPM " 1425
25/25 08		1	1	u/Pembuatan D Block tempo calibration 1/6
29/25 10		1	-	u/aumatic en Lonso i u.
10/26 02	3		3	BM-033



NAMA BARANG :	LOKASI :
KODE BARANG :	MINIMUM STOK :
SATUAN :	ORDER QTY :

TGL	IN	OUT	JUMLAH	KETERANGAN
29/07		1	1	BK. 1097
12/08	3		4	BM. 0303
22/09		1	3	BK. 1976
29/09		1	2	BK - 1493
		cancel		#1 (+1)

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BIN CARD ENGINEERING

NAMA BARANG : LOKASI :
KODE BARANG : MINIMUM STOK :
SATUAN : ORDER QTY :

TGL	IN	OUT	JUMLAH	KETERANGAN
12/25 12	3		3	PT. Armada Bangun Sejahtera No. pp: P250832 "093"
19/26 01		1	2	
19/26 02		1	1	BK-245
27/26 02		1	-	BK-250
12/26 08	3		3	BM-0303
24/26 08		1	2 ✓	BK-1291
30/26 09		1	1	BK-1530

TGL IN OUT JUMLAH KETERANGAN

BIN CARD ENGINEERING

MCB 6 A - 1 Ph Merk. Schneider

NAMA BARANG : LOKASI :
KODE BARANG : 1M013198 MINIMUM STOK : 5
SATUAN : Pcs ORDER QTY : 8

TGL	IN	OUT	JUMLAH	KETERANGAN
10/1/29			-	
19/3/29	8		8	Muti Jumar Abadi
26/3/29		1	7	1/000000 V.2 2222 "596/TH"
25/09/29		1	6	1/ panel control cooling tower "774/PPB/BK/29"
20/10/29		1	5	1/ panel listrik L66C HPLC 960/PPB/BK/29
21/1/29		1	5	1/ OFFICE L62 & GA ATK "1211/TH"

TGL IN OUT JUMLAH KETERANGAN

21/2/29		1	4	1/12392000 MCB Cerak TS. 2 V.4 "1444/TH"
22/2/29		2	2	1/ panel Compressor "1442"
09/08/29		2	-	1/ panel Compressor "1650/PPB/BK/29"
03/10/29	8		8	CU. Tenda Abadi
11/12/29		1	7	1/ cetak V.3 "2585/TH"
12/2/29		1	6	1/ Timor Lampu Jepan "2594"
12/2/29		1	5	1/ Perbaikan Autoclave AM 2.5 V.6 A "2600/TH"
31/01/29	8		13	Armada Bangun