



Good Quality Improves Life's Quality

No : _____

Tanggal : 23 September 2026

Dari : Engineering

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	IMO20305	Timing Belt	Optibel	T5 - 1380 25 mm		PCS	09-Apr-26	2	TK260196	Sumberparts Berindo	1	3	5	SP-MECH-140
2	ATSP01025	Stiker Suhu		Type H		PCS	09-18-2026	15	TK260809	PT ASIAPARTS INDO TECH	8	10	15	SP-MECH-171
3	IMO220044	V-Belt		A 1680 LD/13 X 1650 Li A65		PCS	04-Mar-26	3	TK260160	CI. HONGOLINDO TEHNIK	1	2	3	SP-MECH-219
4	PIDC00305	Flexible Hose			SS 304 Uk. 1" X 55 Cm	PCS	07-Aug-26	5	TK260709	TOKOPEDIA	3	3	5	SP-MECH-029
5	IMO02035	Bearing	FBJ	S 6000 ZZ		PCS	14-Aug-26	30	TK260658	CV HONGOLINDO TEHNIK	6	19	30	SP-MECH-028
6	IMO15042	Oring			AS-353 OR 125 X 5	PCS	05-Dec-25	6	P25T0793	Holongindo Teknik	3	4	6	SP-MECH-220
7	IMO06075	Selang			Foodgrade Hose 2" To Ferrule 1,5" Uk. Panjang : 4200mm	PCS	30-Jul-26	6	TK260540	Bengkel Cahaya Teknik & Diesel	0	16	25	SP-PNU-048

Catatan :

Permintaan Timing Belt , Stiker Suhu, Flexible Hose SS, Bearing & Oring. Sudah berada pada minimum stock sehingga perlu diajukan terhadap Timing Belt , Stiker Suhu, Flexible Hose SS, Bearing , Oring & Selang Foodgrade Tersebut.

SPAREPARTS CONTROLLER


AJKA AMIRIN

23/26
09

Asst. Manager


FIRMAN AB

MANAGER


HERMAWAN WIDYAPRASETYA

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : SP-MECH-140 Tanggal : 04 JULI 2026 Revisi :
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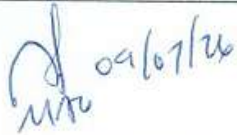
NAMA BARANG	Timing Belt	GAMBAR
TYPE / BRAND	T5-1380-25mm / Optibelt	
DIGUNAKAN UNTUK	Ampoule Washing Machine#1	

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Ampoule Washing Machine#1	Produksi U.6A Steril	1	2	2
TOTAL TIMING BELT T10-1380-25					2

A	Mean Time Between Failure (MTBF)	12 Months
B	MTBF Assumption	12 Months
C	Avarage Months consumption	2 Pcs/ 12 Months = 1 Pcs
D	Lead Time	3 Months (From SPB)
E	Decide to maintain minimal stock	$(C \times D) = 3 \times 1 = 3 \text{ Pcs}$
F	Decide to maintain Order Point (100% 150%)	$(100\% \times E) = 150\% \times 3 = 5 \text{ Pcs}$

ROPOSAL TO SECURE OF SUPPLY

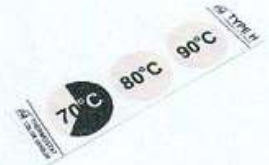
MINIMUM STOCK	ORDER QUANTITY
3	5

Di Susun Oleh	Diperiksa		Mengetahui
 AVE 04/07/26	 04/07/26 <u>Supervisor Maintenance</u>	 <u>Assistant Manager</u>	 13/7/26 +HMW <u>Manager Engineering</u>

M-5

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : SP-MECH-171 Tanggal : 03 AGUSTUS 2026 Revisi : 00
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NAMA BARANG	Stiker Suhu Motor
TYPE / BRAND	Type H / Thermostat Color Sensor 70°-80°-90°C
DIGUNAKAN UNTUK	Tunnel Ampoule, Tunnel Vial, Tunnel Ampoule Aseptis , Tunnel Ampoule Sterilisasi Akhir, Tunnel Liquid Vial, Tunnel Powder Vial, Washing Ampoule, Washing Liquid Vial, Washing Ampoule, Wassing Ampoule Sterilsasi Akhir, Washing Liqui Vial, Washing Powder Vial, Mixing Tank 50 L, Mixing Tank 100 L, Mixing Tank 200 L, Mixing Tank 500 L, Mixing Tank 500 Liter No. 1, Mixing Tank 500 Liter No. 2, Mixing Tank 1000 Liter No. 3, Mixing Tank 100L, Mixing Tank 100L, Labelling Machine/ SC-201C & Labelling Machine/ High Speed Round Bottle



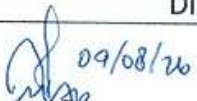
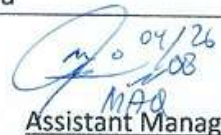
NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Tunnel Ampoule	Produksi U.1S	1	4	4
2	Tunnel Vial	Produksi U.1S	1	4	4
3	Tunnel Ampoule Aseptis	Produksi U.6A S	1	4	4
4	Tunnel Ampoule Sterilisasi Akhir	Produksi U.6A S	1	4	4
5	Tunnel Liquid Vial	Produksi U.6A S	1	4	4
6	Tunnel Powder Vial	Produksi U.6A S	1	4	4
7	Washing Ampoule	Produksi U.1S	1	3	3
8	Washing Liquid Vial	Produksi U.1S	1	3	3
9	Washing Ampoule Aseptics	Produksi U.6A S	1	3	3
10	Wassing Ampoule Sterilsasi Akhir	Produksi U.6A S	1	3	3
11	Washing Liqui Vial	Produksi U.6A S	1	3	3
12	Washing Powder Vial	Produksi U.6A S	1	3	3
13	Mixing Tank 50 L	Produksi U.1S	1	1	1

14	Mixing Tank 100 L	Produksi U.1S	1	1	1
15	Mixing Tank 200 L	Produksi U.1S	1	1	1
16	Mixing Tank 500 L	Produksi U.1S	1	1	1
17	Mixing Tank 500 Liter No. 1	Produksi U.6A S	1	1	1
18	Mixing Tank 500 Liter No. 2	Produksi U.6A S	1	1	1
19	Mixing Tank 1000 Liter No. 3	Produksi U.6A S	1	1	1
20	Mixing Tank 100L	Produksi U.6A S	1	1	1
21	Mixing Tank 100L	Produksi U.6A S	1	1	1
22	Ampoule Labelling Machine	Produksi U.6A S	1	3	3
23	Labelling Machine/ SC-201C High Speed	Produksi U.6A S	1	3	3
24	Labelling Machine/ SC-201C High Speed Horizontal Sticky Labeling Machine	Produksi U.6A S	1	3	3
25	Labelling Machine/ High Speed Round Bottle Labeling Machine SC-103B	Produksi U.6A S	1	3	3
TOTAL STIKER SUHU TERPASANG					63 PCS

A	Mean Time Between Failure (MTBF)	12 Months
B	MTBF Assumption	12 Months
C	Avarage Months consumption	63 Pcs/ 12 Months = 5.25 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	$(C \times D) = 2 \times 5.25 = 10 \text{ Pcs}$
F	Decide to maintain Order Point (100% - 150%)	$(100\% \times E) = 150\% \times 10 = 15 \text{ Pcs}$

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
10	15

Di Susun Oleh	Diperiksa		Mengetahui
 03/26 09	 09/08/26 Supervisor Compliance	 04/26 08 MAO Assistant Manager	 05/26 08 HMW Manager Engineering

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : Tanggal : 4 Desember 2023 Revisi : 00
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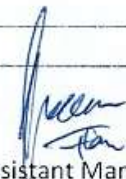
NAMA BARANG	V-Belt
TYPE / BRAND	A 1680 Ld / 13 x 1650 Li A65 / Optibelt-VB
DIGUNAKAN UNTUK	Washing Ampoule, dan Washing Vial
PEMBELIAN	Lokal

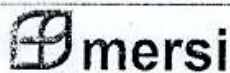
NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Washing Ampoule	Produksi U. 1 Steril	1	2	2
2		Produksi U. 6A Steril	2	2	4
3	Washing Vial	Produksi U. 1 Steril	1	2	2
4		Produksi U. 6A Steril	1	2	2
TOTAL V-BELT A 1680 Ld / 13 x 1650 Li A65 TERPASANG					10 Pcs

A	Mean Time Between Failure (MTBF)	12 Months
B	MTBF Assumption	12 Months
C	Average Months consumption	10 Pcs/ 12 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
	 Supervisor Compliance	 Assistant Manager	 Engineering Manager



Good Quality Improves Life's Quality

PT. MERSIFARMA TM.
SUKABUMI-INDONESIA

SPAREPARTS JUSTIFICATIONS

Nomor : SP-MECH-029

Tanggal : 26 FEBRUARI 2026

Revisi : 00

NAMA BARANG	Flexsible hose
TYPE / BRAND	Metal SS 304 Uk. 1 " X 55 Cm
DIGUNAKAN UNTUK	FBD, COATING & MIXING
PEMBELIAN	

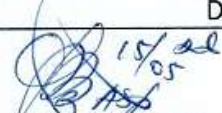
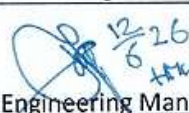
NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	FBD	Produksi U.1	1	4	4
2	COATING	Produksi U.1	1	1	1
3	MIXING	Produksi U.1	1	2	2
4	COATING	Produksi U.2	1	1	1
5	FBD	Produksi U.3	1	1	1
6	Coating	Produksi U.3	1	2	2
7	FBD	Produksi U.4	1	3	3
8	Coating	Produksi U.4	1	3	3
TOTAL PISAU CREAMPING SS 304 TERPASANG					17 Pcs

A	Mean Time Between Failure (MTBF)	12 Months
B	MTBF Assumption	12 Months
C	Avarage Months consumption	17 Pcs/ 12 Months = 1.4 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	(C x D) = 2 x 1.4 = 3 Pcs
F	Decide to maintain Order Point (100% - 150%)	(150% x E) = 150% x 3 = 5 Pcs

Critical Parts

PROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
3	5

Di Susun Oleh	Diperiksa		Mengetahui
 PDK 26/26 102	 15/26 05 <u>Supervisor Compliance</u>	 15/26 05 <u>Assistant Manager</u>	 12/26 06 Hw <u>Engineering Manager</u>

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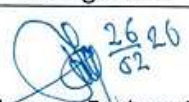
 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : SP-MECH-028 Tanggal : 3 FEBRUARI 2026 Revisi : 00
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NAMA BARANG	Bearing
TYPE / BRAND	S 6000 Merk FBJ
DIGUNAKAN UNTUK	WASHNG VIAL & AMPOULE

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	WAHSING VIAL	UNIT 1 STERIL	1	10	10
2	WASHING AMPOULE	UNIT 1 STERIL	1	10	10
3	WAHING VIAL	UNIT 6A STERIL	1	12	12
4	WASHING AMPOULE AS	UNIT 6A STERIL	1	12	12
5	WASHING AMPOULE SA	UNIT 6A STERIL	1	12	12
TOTAL BEARING S 6000 TERPASANG					56 Pcs
A	Mean Time Between Failure (MTBF)			6 Months	
B	MTBF Assumption			6 Months	
C	Avarage Months consumption			56 Pcs/ 6 Months = 9.3 Pcs	
D	Lead Time			2 Months (From SPB)	
E	Decide to maintain minimal stock			(C x D) = 2 X 9.3 = 19 Pcs	
F	Decide to maintain Order Point (100% - 150%)			(100% x E) = 100% x 19 = 29 Pcs @ Pembulatan menjadi 30 Pcs	

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
19	30

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



Good Quality Improves Life's Quality

PT. MERSIFARMA TM.
SUKABUMI-INDONESIA

SPAREPART JUSTIFICATIONS

Nomor : SP-PNU-048

Tanggal : 21 SEPTEMBER 2026

Revisi : 00

NAMA BARANG	Selang Food Grade Hose 2" To Ferrule 1.5"
TYPE / BRAND	Panjang 4200mm,Temp 200°C & Pressure 10 Bar
DIGUNAKAN UNTUK	Mixing Vial. Mixing Ampoule
PEMBELIAN	Lokal



NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	MIXING TANK 500 L	Produksi U.6AS	1	1	1
2	TANK TRANSFER 200L		1	1	1
3	MIXING 100 L		1	1	1
4	TRANSFER TANK 50L		1	1	1
5	MIXING TANK 100L		1	1	1
6	MIXING TANK 100L		1	1	1
7	TRANSFER TANK 100 L		1	1	1
TOTAL TERPASANG					7

A	Mean Time Between Failure (MTBF)	2 Months
B	MTBF Assumption	2 Months
C	Avarage Months consumption	8 Pcs/ 2 Months = 4 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	$(C \times D) = 4 \times 4 = 16$
F	Decide to maintain Order Point (100% - 150%)	$(150\% \times E) = 150\% \times 16 = 25$

PROPOSAL TO SECURE OF SUPPLY (ROUNDED)

MINIMUM STOCK	ORDER QUANTITY
16	25

Di Susun Oleh	Diperiksa		Mengetahui
 <u>Sparepart Controller</u>	<u>Engineering Supervisor</u>	<u>Assistant Manager</u>	<u>Engineering Manager</u>

No. Dokumen : EN-FO/017.00	Tanggal Berlaku : 05 AUG 2026	Disetujui Oleh : 
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 mersi Good Quality Improves Life's Quality PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : Tanggal : 12 Juli 2024 Revisi : 01
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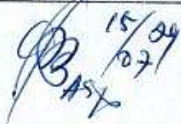
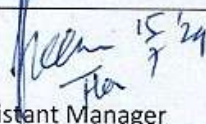
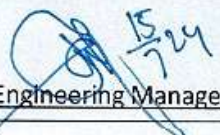
NAMA BARANG	Seal Oring
SIZE	Oring AS-353 OR 125 x 5
DIGUNAKAN UNTUK	Labelling, dan Filling Syrup
PEMBELIAN	Lokal

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Labelling	Produksi U.1 Steril	4	1	4
2		Produksi U.1	4	1	4
3		Produksi U.2	2	1	2
4		Produksi U.5	1	1	1
5		Produksi U.6A Steril	2	1	2
6	Filling Syrup	Produksi U.1	2	4	8
TOTAL SEAL ORING AS-353 OR 125 x 5 TERPASANG					21 Pcs

A	Mean Time Between Failure (MTBF)	12 Months
B	MTBF Assumption	12 Months
C	Avarage Months consumption	21 Pcs/ 12 Months = 1,75 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	(C x D) = 1,75 x 2 = 3,5 = 4 Pcs
F	Decide to maintain Order Point (100% - 150%)	(150% x E) = 150% x 4 = 6 Pcs

PROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
4	6

Di Susun Oleh	Diperiksa		Mengetahui
 15/07/24 Supervisor Compliance	 15/07/24 Assistant Manager	 15/07/24 Engineering Manager	 15/07/24 Engineering Manager

[illegible][illegible]

BIN CARD ENGINEERING

NAMA BARANG : Flexible Metal Hose SS 304 Uk. 1" x 55 Cm

KODE BARANG : MINIMUM STOK :

SATUAN	:	ORDER QTY	:
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[illegible][illegible]

BIN CARD ENGINEERING

V - Belt Type, A 1680 LD/13 x 1650 Li

NAMA BARANG : **LOKASI :**

KODE BARANG : 1407180 MINIMUM STOK : 2

SATUAN : per ORDER QTY : 3

TGL	IN	OUT	JUMLAH	KETERANGAN
19/1/29			2	
22/1/29		1	1	u/washing v.6A "167"
23/1/29	3		4	purchasing / Hologindo Teknik
27/1/29		2	2	u/washing VIAL V.6A "1554/TK"
04/2/29	3		5	Hologindo Teknik
16/2/29		1	4	u/Penggunaan Pak2 washing Powder VIAL "2629/TK"

TGL	IN	OUT	JUMLAH	KETERANGAN
22/25 02		2	2	u/pengantian Bel Mesin Washing Ampo unit 6A "368"
10/5 ²⁵		2	-	u/washing vize u. b1 "070/Prox u. b1"
11/25 11	3.		3	Howara m. b1 Teknik.
02/25 12		2	1	u/pengantian Bel Washing Ampole unit 6A "2212"
04/26 03		1	-	BK - 311
03/26 03	3		3	BK - 061
09/26 06		2	1	BK - 1175

Oring AS - 353 OR 125 x 5 (untuk mesin Labeling Shanghai Shouda Unit 1)

NAMA BARANG : LOKASI : **2-2**
KODE BARANG : **1M015013** MINIMUM STOK : **4**
SATUAN : **PCS** ORDER QTY : **6**

TGL	IN	OUT	JUMLAH	KETERANGAN
15/1/24			5	
21/6/24		4	1	u/filling Xlongshun dan 2 u-1 "1225/PPB/K/ V1/24"
5/8/24		1	-	u/Labeling 1 U-6A "1329/TK"
28/8/24	6	2	6	CV. Holongindo Teknik
28/8/24		2	4	u/mesin Labeling v.1

TGL	IN	OUT	JUMLAH	KETERANGAN
19/1/24		1	3	"155/Prod 1" u/Labeling U-6A Line 2 "2652/TK"
9/1/25		1	2	u/pengisian Oring Pawa Band Seal U-6A
9/1/25		2	-	"001/Prod 1" u/band sealer U-6A
24/2/25	6		6	"002/Prod 1" CV. Holongindo Teknik
2/5/25		1	5	u/Labeling v.1 "786/TK"
01/07/25		4	1	u/continuar band sealer "026 prod"

Bearing Type. S 6000 ZZ FBJ

NAMA BARANG : LOKASI : **M-4**
KODE BARANG : **1M002241** MINIMUM STOK : **14**
SATUAN : **PCS** ORDER QTY : **21**

TGL	IN	OUT	JUMLAH	KETERANGAN
20/6/24	40		40	Holongindo Teknik
21/6/24		10	30	u/Washing Vial Inspeksi Botol "1232/PPB/K/ V1/24"
28/6/24		5	25	u/Washing Botol vial v3 Steril "131/Prod Steril"
28/8/24		6	19	u/Washing vial v6A "1767/TK"
3/10/24		5	14	u/Washing vial v-6A

TGL	IN	OUT	JUMLAH	KETERANGAN
16/10/24		4	10	"036/Prod 6A" u/Filling Vial U-6A "2152/TK"
20/10/24		4	6	u/Filling vial U-6A Steril "2187/TK"
30/11/24		6	-	u/Re Bang Main Washing Ampoule U-6A "2507/4"
03/12/24	21		21	CV. Holongindo Teknik
7/5/25		2	19	u/Washing vial v3 Steril "809/TK"
10/5/25		10	9	u/Washing vial v-6A "070/Prod 1"

BIN CARD ENGINEERING

NAMA BARANG	: <i>Oring A-353</i>	LOKASI	: <i>E-12</i>
KODE BARANG	: <i>1M015063</i>	MINIMUM STOK	: <i>4</i>
SATUAN	: <i>Pcr</i>	ORDER QTY	: <i>6</i>

[illegible][illegible]

BIN CARD ENGINEERING

NAMA BARANG :	LOKASI :	A-13
KODE BARANG :	MINIMUM STOK :	
SATUAN :	ORDER QTY :	100

TGL	IN	OUT	JUMLAH	KETERANGAN
20/12/23			-	
17/12/05		03	6	u/ Re Bearing Washing Transfer borol u/ "876"
17/12/05		6	-	u/ camping ual "876"
01/12/10	21		21	Holongindo Tehan
10/12/12		8	13	u/ Re Bearing mesin Filling Vn unit 6A "226"
12/12/26		2	1	BK - 277
09/12/03		1	-	BK - 319

[illegible]