

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	IMO06189	FREON		R404 A		TB	15-Aug-24	1	PW007910 (P24T0619)	PT. Asiaparts Indotech	0.688	2	3	CONS-RFG-003
2	ISP00380	Filter Drayer		Emerson EK-305		PCS	04-Feb-26	2	PW022536 TK260050	PT ASIAPARTS INDOTECH	1	1	2	CONS-FILT-005
3	IMO05018	Exvansion Valve		Emerson TCLE3HW100		PCS	10-Feb-25		PW013870 P25T0074	PT. Asiaparts Indotech	1	1	2	SP-PNU-034
4	IMO21008	Ultra Filter			Uk. OD : 6.5 ID : 3 cm P : 50 cm	PCS	24-Oct-25	9	PW024467 P25T0672	PT. Ultra Filter Indonesia	6	6	9	CONS-FILT-006

Catatan :

Permintaan Terhadap FREON R 404 A , Filter Drayer EK-305, Exvansion Valve & Ultra Filter , Sudah berada di minimum Stock Sehingga Perlu Diajukan terhadap FREON R 404 A , Filter Drayer EK-305, Exvansion Valve & Ultra Filter Tersebut.

SPAREPARTS CONTROLLER

AJKA AMIRIN

Asst. Manager

FIRMAN ARDI B

MANAGER

HERMAWAN WIRYAPRASETYA

BIN CARD ENGINEERING

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	CONSUMABLE JUSTIFICATIONS	Nomor : CONS-RFG-003 Tanggal : 9 APRIL 2026 Revisi : 01
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NAMA BARANG	Freon
TYPE / BRAND	R404 A
PACKAGING ORIGINAL	1 Tabung @ 9,5 Kg
DIGUNAKAN UNTUK	Out Door HVAC

Estimasi Jumlah Pemakaian

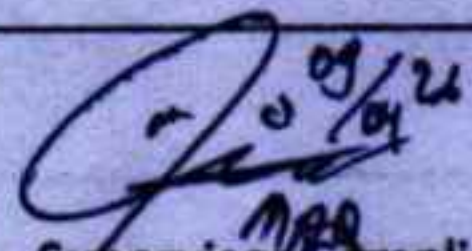
- A. Digunakan untuk penambahan dan perbaikan kebocoran outdoor HVAC yang menggunakan Freon R 404 A
- a. Freon R407C setiap 0,8 Kg digunakan untuk pekerjaan selama 1 bulan, pada 1 Out door HVAC, Berikut daftar kebutuhan perbulan Freon R 404 A

No.	Lokasi Out Door	Jumlah Out Door [A]	Freon R407C / Bulan [B]	Total [A x B]
1	HVAC U. 1 Steril Zona 1	2	0,8	1,6
2	HVAC U. 1 Steril Zona 2	2	0,8	1,6
3	HVAC U. 1 Steril Zona 3	2	0,8	1,6
4	HVAC U. 3 Zona 1	2	0,8	1,6
5	HVAC U. 5 Zona 1	2	0,8	1,6
6	HVAC U. 5 Zona 2	2	0,8	1,6
7	HVAC Lab Mikro Zona 3	1	0,8	0,8
Total Kebutuhan Freon R404 A / Bulan				10,4 Kg = 1 Tabung

- B. Lead Time : 2 Bulan SPB
- C. Decide to maintain minimal stock : [Total Kebutuhan Freon R404 A / Bulan x Lead Time]
 $[1 \times 2] = 2$ Tabung
 (Back UP Perbaikan 2 Outdoor HVAC [Pengisian Ulang])
- D. Decide to maintain Order Quantity (100% - 150%) : [C x 150%]
 $[2 \times 150\%] = 3$ Tabung

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
2	3

Di Susun Oleh	Diperiksa		Mengetahui
 09/26/09 ATR.	 09/26/09 Supervisor Compliance	 09/26/09 Assistant Manager	Engineering Manager

BIN CARD ENGINEERING

Filter Dryer EK - 305

NAMA BARANG : LOKASI : N-2
KODE BARANG : 15000380 MINIMUM STOK : 1
SATUAN : Pcs ORDER QTY : 2

TGL	IN	OUT	JUMLAH	KETERANGAN
10/1/24			1	
20/2/24	2		3	CV. Teknindo Abadi
1/3/24		1	2	v/ outdoor v.4 "420/TK"
26/3/24		1	1	v/ outdoor v.1 Seric Zone 1 "602/TK"
5/4/24		1	-	v/pengisian di Hvac v.1 seric ke zone 1 "678/TK"
16/5/24	2		2	CV. Teknindo Abadi
16/5/24		1	1	v/pengisian outdoor lot zone 1

TGL	IN	OUT	JUMLAH	KETERANGAN
				kompressor 2 "747/TK"
2/2/24		1	-	v/ instalasi kompressor 12VAC v.4 Shunda B.2 "1298/TK"
05/24	2		2	Asipart Indorech
27/2/24		1	1	v/ 12VAC v.1 Seric "1544/TK"
				"1544/TK"
28/08/24	2		3	Asia part Indorech
17/9/24		1	2	outdoor v.4 zone 1 "1908/TK"
29/9/24		1	1	v/outdoor v.1 ekspansi 1 "1969/TK"

NAMA BARANG : LOKASI : N-2
KODE BARANG : 15P00380 MINIMUM STOK : 1
SATUAN : Pcs ORDER QTY : 2

TGL	IN	OUT	JUMLAH	KETERANGAN
22/24 10	2		3	Asiapura Indokoh
1/11 24		1	2	U/outdoor HVAC U-4 Zone 3 2207/TK
4/11 24		1	1	U/outdoor HVAC U-4 Zone 6 "2300/TK"
04/24 12	2		3	Asiapura Indokoh
3/1 24		1	2	U/outdoor HVAC U-2 Zone 2 Stem

TGL	IN	OUT	JUMLAH	KETERANGAN
25/25 07		1	1	"12/TK" U/pembelian HVAC Unit 1 Non stat "1432"
28/25 08		1	1	U/Instalasi Kompressor baru Unit 1 Non stat Zone 3 No.1 1665
03/26 02	2		2	BM-025
09/26 09		1	1	BK-968

 mersi <i>Good Quality Improves Life's Quality</i> PT. MERSIFARMA TM. SUKABUMI-INDONESIA	SPAREPARTS JUSTIFICATIONS	Nomor : Tanggal : 1 Agustus 2023 Revisi : 00
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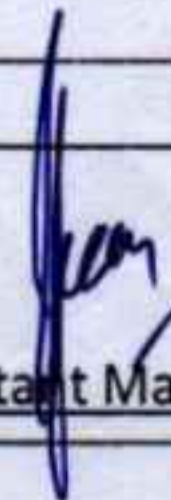
NAMA BARANG	Filter Dryer
TYPE / BRAND	EK - 305 / Emerson
DIGUNAKAN UNTUK	Out Door HVAC

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Out Door HVAC	Produksi U.1	11	1	11
2		Produksi U.4	13	1	13
3		Cold storage Vaksin U.5	4	1	4
TOTAL FILTER DRYER EK - 305 TERPASANG					28 Pcs

A	Mean Time Between Failure (MTBF)	60 Months
B	MTBF Assumption	60 Months
C	Avarage Months consumption	28 Pcs/ 60 Months = 0,47 Pcs
D	Lead Time	Months (From SPB)
E	Decide to maintain minimal stock	(C x D) = 0,47 x 2 = 0,94 = 1 Pcs
F	Decide to maintain Order Point (100% - 150%)	(150% x E) = 150% x 1 = 1,5 = 2 Pcs

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
1	2

Di Susun Oleh	Diperiksa		Mengetahui
	 Supervisor Compliance	 Assistant Manager	 Manager Engineering

BIN CARD A-3
ENGINEERING

Exvansion Valve Merk. Emerson TCLE3HW100

NAMA BARANG : LOKASI : N-3
KODE BARANG : 1M005074 MINIMUM STOK : 1
SATUAN : per ORDER QTY : 2

TGL	IN	OUT	JUMLAH	KETERANGAN
10/1/24			1	
27/1/24		1	-	U/HVAC unit 1 shut 1594/400/100 M/24' Zone 2 kelas B
05/2/24	2		2	pt. Asiaparts Indotech
27/1/24		1	1	U/Penggantian HVAC zone 2 2 U.1 seri "2715/Th"

TGL	IN	OUT	JUMLAH	KETERANGAN
10/2/25	2		3	Asiaparts Indotech
25/2/25		1	2	U/Perbaikan Hvac unit 1 Nonstop "1432"
2/2/25		1	1	U/Penggantian Exvansion Valve Outdoor Hvac U.1 1" / 600"
27/2/25	2		3	BN-050
09/2/26		2	1	BK-968.

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NAMA BARANG	Exvansion Valve
TYPE / BRAND	TCLE 10 HW 100, Range : -50F To + 50F, Tube Length : 5 FT, Equalizer : External ¼" SAE, Style : angel, INLET : ½" SAE Flare, Outlet : 5/8" Flare / Emerson
PEMBELIAN	Lokal
DIGUNAKAN UNTUK	Outdoor HVAC

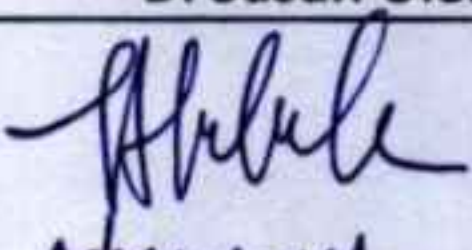
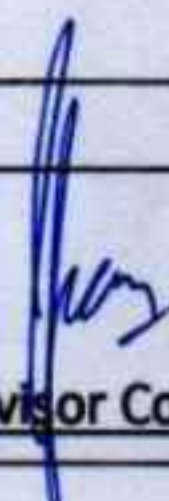
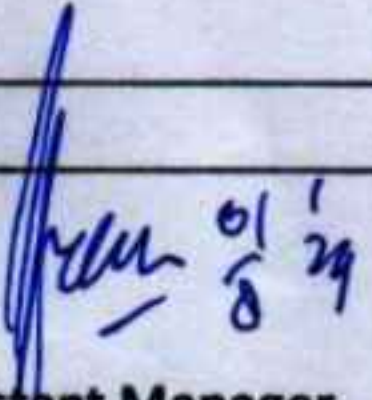
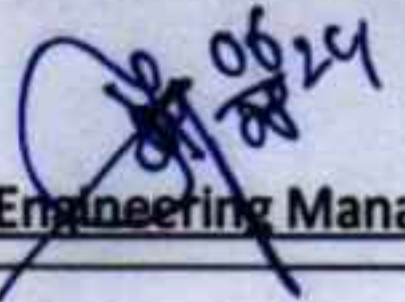
No.	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / SATU ALAT [B]	TOTAL [A x B]
1	Outdoor HVAC	Produksi U.1 Steril	9	1	9
2		Produksi U. 1	11	1	11
3		Produksi U. 2	3	1	3
4		Produksi U. 3	1	1	1
5		Produksi U. 4	1	1	1
TOTAL EXVANSION VALVE TCLE 10 HW 100 TERPASANG					25 PCS

Di Sediakan Oleh	Dibuat Oleh	Mengecek Oleh
		
Disetujui Oleh	Disetujui Oleh	Disetujui Oleh

A	Mean Time Between Failure (MTBF)	60 Months
B	MTBF Assumption	60 Months
C	Avarage Months Consumption	25 pcs / 60 Months = 0,42 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide To Maintain Minimal Stock	$(C \times D) = 0,42 \times 2 = 0,84 = 1 \text{ Pcs}$
F	Decide to maintain Order Point (100% - 150%)	$(150\% \times E) = 150\% \times 1 = 1,5 = 2 \text{ Pcs}$

PROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
1	2

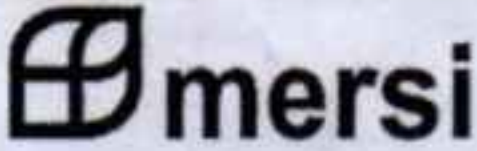
Di Susun Oleh	Diperiksa		Mengetahui
 Ahmad Syah	 Supervisor Compliance	 Assistant Manager	 Engineering Manager

BIN CARD *AH-1* ENGINEERING

Ultra Filter Uk. OD : 6,5, ID 3 Cm, Panjang 50 Cm

NAMA BARANG : LOKASI : *lain xx*
KODE BARANG : *1M021008* MINIMUM STOK : *6*
SATUAN : *pcr* ORDER QTY : *9*

TGL	IN	OUT	JUMLAH	KETERANGAN
<i>29/1/24</i>			<i>6</i>	
<i>18/3/24</i>		<i>6</i>	<i>-</i>	<i>u/spa pw 1 Tk</i>
				<i>3T " 320 /PBAK/111kg"</i>
<i>24/04²⁴</i>	<i>9</i>		<i>9</i>	<i>ultra filter Indonesia</i>
<i>26/9²⁴</i>		<i>6</i>	<i>3</i>	<i>u/pw generator</i>
				<i>High Fine 1 & 3</i>
				<i>T-1</i>
				<i>"1987 /TK"</i>
<i>26/10²⁴</i>		<i>3</i>	<i>-</i>	<i>u/pw high fine</i>
				<i>3 ton</i>
				<i>" 2290 /TK"</i>
<i>23/10²⁴</i>	<i>9</i>		<i>9</i>	<i>ultra filter Indonesia</i>
<i>31/1²⁵</i>		<i>3</i>	<i>6</i>	<i>u/pw 3 ton</i>
TGL	IN	OUT	JUMLAH	KETERANGAN
				<i>" 202 /TK"</i>
<i>08/05²⁵</i>		<i>3</i>	<i>3</i>	<i>u/penggantian filter</i>
				<i>pw 1 ton "4gt"</i>
<i>9/6²⁵</i>		<i>3</i>	<i>-</i>	<i>u/pw 1 Tk 3T</i>
				<i>" 1049 /TK"</i>
<i>25/08²⁵</i>	<i>9</i>		<i>9</i>	<i>PT. ultra filter Indonesia</i>
<i>01/08²⁵</i>		<i>6</i>	<i>3</i>	<i>u/penggantian</i>
				<i>filter pw 1 TON</i>
				<i>" 1665 "</i>
<i>08/09²⁵</i>		<i>3</i>	<i>-</i>	<i>u/pw 4 /708"</i>
<i>24/10²⁵</i>	<i>9</i>		<i>9</i>	<i>PT. ultra filter</i>
<i>09/10²⁶</i>		<i>3</i>	<i>6</i>	<i>BK - 972.</i>
<i>109</i>				

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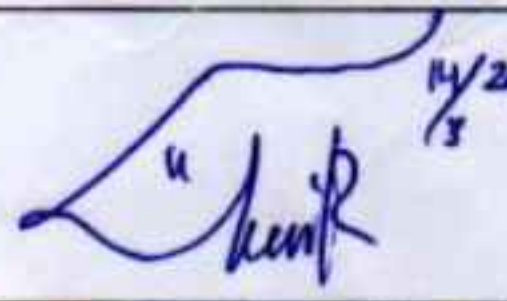
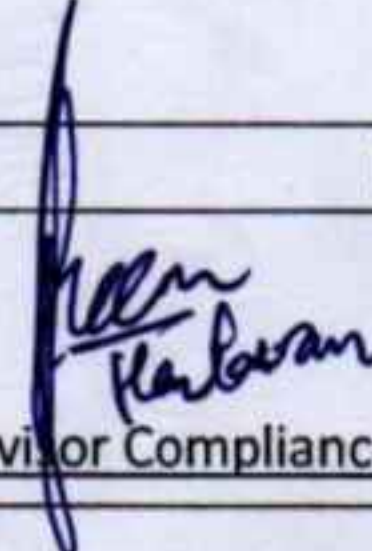
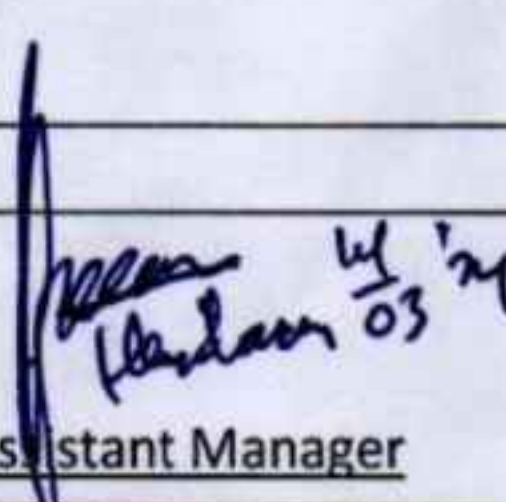
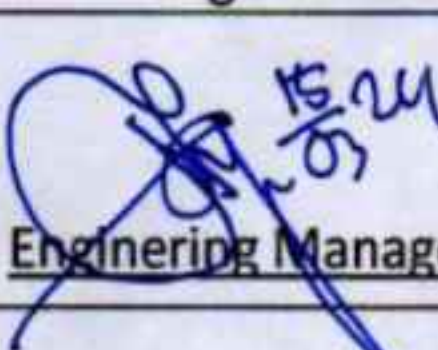
NAMA BARANG	Ultra Filter / Catridge Filter <i>5 micron</i>
SIZE / BRAND	OD : 6,5 Cm , ID : 3 Cm, Panjang 50 Cm / ULTRAFILTER INDONESIA
DIGUNAKAN UNTUK	PW GENERATOR HIGHFINE 1000 L/H, dan 3000 L/H
PEMBELIAN	Lokal

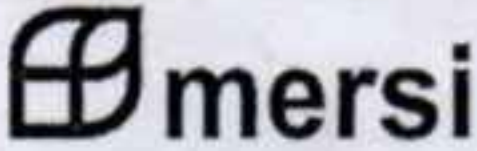
NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / JUMLAH PERALATAN [B]	TOTAL [A x B]
1	PW GENERATOR HIGHFINE 1000 L/H	Aqua Pharma Baru	1	3	3
2	PW GENERATOR HIGHFINE 3000 L/H	Aqua Pharma Baru	1	3	3
TOTAL ULTRA FILTER OD: 6,5 Cm, ID: 3 Cm, PANJANG: 50 Cm TERPASANG					6 PCS

A	Mean Time Between Failure (MTBF)	2 Months
B	MTBF Assumption	2 Months
C	Avarage Months consumption	6 Pcs / 2 Months = 3 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	(C x D) = 3 x 2 = 6 Pcs
F	Decide to maintain Order Point (100% - 150%)	(150% x E) = 150% x 6 = 9 Pcs

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
6	9

Di Susun Oleh	Diperiksa		Mengetahui
 <i>14/3</i>	 <u>Supervisor Compliance</u>	 <i>14/03/24</i> <u>Assistant Manager</u>	 <i>15/03/24</i> <u>Engineering Manager</u>

 Good Quality Improves Life's Quality PT. MERSIFARMA TM. SUKABUMI-INDONESIA SPAREPARTS JUSTIFICATIONS Nomor : Tanggal : 14 Maret 2024 Revisi : 00
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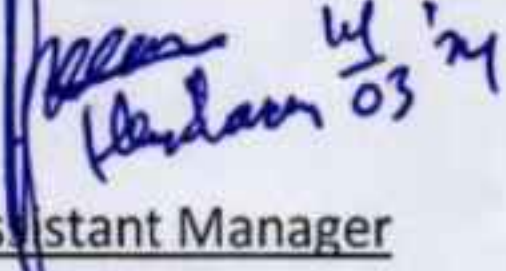
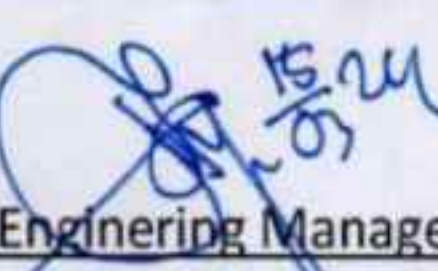
NAMA BARANG	Ultra Filter / Catridge Filter <i>5 micron</i>
SIZE / BRAND	OD : 6,5 Cm , ID : 3 Cm, Panjang 50 Cm / ULTRAFILTER INDONESIA
DIGUNAKAN UNTUK	PW GENERATOR HIGHFINE 1000 L/H, dan 3000 L/H
PEMBELIAN	Lokal

NO	DIPAKAI UNTUK	LOKASI	JUMLAH PERALATAN [A]	JUMLAH BARANG / JUMLAH PERALATAN [B]	TOTAL [A x B]
1	PW GENERATOR HIGHFINE 1000 L/H	Aqua Pharma Baru	1	3	3
2	PW GENERATOR HIGHFINE 3000 L/H	Aqua Pharma Baru	1	3	3
TOTAL ULTRA FILTER OD: 6,5 Cm, ID: 3 Cm, PANJANG: 50 Cm TERPASANG					6 PCS

A	Mean Time Between Failure (MTBF)	2 Months
B	MTBF Assumption	2 Months
C	Avarage Months consumption	6 Pcs / 2 Months = 3 Pcs
D	Lead Time	2 Months (From SPB)
E	Decide to maintain minimal stock	(C x D) = 3 x 2 = 6 Pcs
F	Decide to maintain Order Point (100% - 150%)	(150% x E) = 150% x 6 = 9 Pcs

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
6	9

Di Susun Oleh	Diperiksa		Mengetahui
	 Supervisor Compliance	 Assistant Manager	 Engineering Manager