

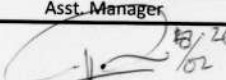
No : _____
Tanggal : 18 Februari 2026
Dari : Engineering

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	IMO07007	Garam Kasar				ZAX (1 Zax @50 Kg)	17-Jan-26	100	PW027667	CV. Munggur Putu Karso	2.700	3.300	100	CONS-CHEM-01
2	IMO08014	Hitreat BW 165				CAN 1 Can@30 Liter	22-Jan-26	12	PW027880	TIRTANUSA INDOTAMA	8	8	12	CONS-CHEM-02

Catatan :

* Permintaan Garam kasar & Hitreat BW 165 FG sudah dibawah minimum stock sehingga perlu diajukan permintaan terhadap Garam kasar & Hitreat BW 165 FG Tersebut.

Sparepart Controller	Asst. Manager	MANAGER
 18/26 02.	 18/26 02.	 18/26 02.
AJKA AMIRIN	FIRMAN AB	HERMAWAN WIDYAPRASETYA

BIN CARD ENGINEERING

NAMA BARANG : Garam @ 50kg LOKASI : 5d.chemical
KODE BARANG : 1M007007 MINIMUM STOK : 2600 Kg
SATUAN : Kg ORDER QTY : 5000 Kg

TGL	IN	OUT	JUMLAH	KETERANGAN
18/25		200	3300	U/pw Highfine
11				6 & 10 Ton "2127"
24/25		500	2800	U/Regenerasi pw
				6A & 6B
01/25		450	2350	U/Regenerasi pw 6F
08/24		300	2050	U/Regenerasi pw
12				Unit 6A & 6B
				"2247"
12/25		100	1950	U/Regenerasi pw
12				Softener Unit 8"2224"
15/25		400	1550	U/Regenerasi pw &
12				Aqua Shakti
22/25		350	1200	U/Regenerasi WTS
TGL	IN	OUT	JUMLAH	KETERANGAN
				Unit 6A & 6B
				"2328"
29/25		500	700	U/Regenerasi pw
12				Highfine "2366"
05/26		150	250	F.O11
12/26		250	-	058
17/26	5000		5000	"P25TO 901"
01				CV. mungur paru
				Korsu Bm'008"
19/26		500	4500	"092"
01				
26/26		400	4100	BK-124
01				
02/26		450	3.650	BK-153
02				
08/26		500	3.150	BK-168
16/26		450	2.700	BK-231
02.				



Good Quality Improves Life's Quality

PT. MERSIFARMA TM.
SUKABUMI-INDONESIA

CONSUMABLE JUSTIFICATIONS

Nomor : CONS-CHEM-01

Tanggal : 9 September 2024

Revisi : 01

NAMA BARANG	Garam Kasar
PACKAGING ORIGINAL	1 Zak @50 Kg
DIGUNAKAN UNTUK	Regenerasi PW Generator High Fine 1000 L/H, 3000 L/H, 6000 L/H, 10000 L/H, dan Filter Softener Boiler
PEMBELIAN	Lokal

Estimasi Jumlah Pemakaian

A. Digunakan Untuk Regenerasi PW Generator High Fine, dan filter softener boiler berikut data kebutuhan garam kasar dalam 1 bulan.

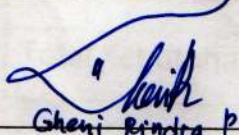
- PW Generator High Fine 1000 L/H, dalam 1 minggu membutuhkan garam kasar sebanyak 25 Kg, sehingga kebutuhan untuk 1 bulan = $4 \times 25 = 100 \text{ Kg} = 2 \text{ zak}$.
- PW Generator High Fine 3000 L/H, dalam 1 minggu membutuhkan garam kasar sebanyak 100 Kg, sehingga kebutuhan untuk 1 bulan = $4 \times 100 = 400 \text{ Kg} = 8 \text{ zak}$.
- PW Generator High Fine 6000 L/H, dalam 1 minggu membutuhkan garam kasar sebanyak 100 Kg, sehingga kebutuhan untuk 1 bulan = $4 \times 100 = 400 \text{ Kg} = 8 \text{ zak}$.
- PW Generator High Fine 10000 L/H, dalam 1 minggu membutuhkan garam kasar sebanyak 150 Kg, sehingga kebutuhan untuk 1 bulan = $4 \times 150 = 600 \text{ Kg} = 12 \text{ zak}$.
- Filter Softener Boiler 1 Ton, dalam 1 hari membutuhkan garam kasar sebanyak 2,5 Kg, sehingga kebutuhan untuk 1 bulan = $30 \times 2,5 = 75 \text{ Kg} = 1,5 \text{ zak}$

No.	Nama Alat	Jumlah Peralatan [A]	Barang / Bulan [B]	Total [A x B]
1	PW Generator High Fine 1000 L/H (Aqua Pharma)	1	2	2
2	PW Generator High Fine 3000 L/H (Aqua Pharma)	1	8	8
3	PW Generator High Fine 6000 L/H (Gedung U.6A Steril)	1	8	8
4	PW Generator High Fine 10000 L/H (Gedung U.6B Steril)	1	12	12
5	Filter Softener Boiler 1 Ton	2	1,5	3
Total Kebutuhan Garam Kasar / Bulan				33 Zak

- B. Lead Time : 2 Bulan SPB
- C. Decide to maintain minimal stock : [Total Kebutuhan Garam Kasar/ Bulan x Lead Time]
[33 x 2] = 66 Zak
- D. Decide to maintain Order Quantity (100% - 150%) : [C x 150%]
[66 x 150%] = 99 = 100 Zak

PROPOSAL TO SECURE OF SUPPLY

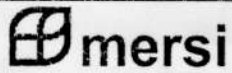
MINIMUM STOCK	ORDER QUANTITY
66	100

Di Susun Oleh	Diperiksa		Mengetahui
 Ghani Prindra P.	 Supervisor Compliance	 Assistant Manager	 Engineering Manager

BIN CARD ENGINEERING

NAMA BARANG : *Hidroal Bw 165* LOKASI : *Ed. Chemica*
KODE BARANG : *IMO 08014* MINIMUM STOK : *8*
SATUAN : *Can* ORDER QTY : *12*

TGL	IN	OUT	JUMLAH	KETERANGAN
<i>28/04/24</i>		<i>1</i>	<i>9</i>	<i>u/ Boiler</i> <i>" 1276 "</i>
<i>11/08/24</i>		<i>1</i>	<i>8</i>	<i>u/ Pter treatment</i> <i>Boiler. 6T "1922"</i>
<i>24/08/24</i>		<i>1</i>	<i>7</i>	<i>u/ Boiler "1640"</i>
<i>08/09/25</i>		<i>1</i>	<i>6</i>	<i>u/ Boiler "1688"</i>
<i>08/09/25</i>		<i>1</i>	<i>5</i>	<i>u/ Boiler 6T</i> <i>" 1708 "</i>
<i>22/09/25</i>		<i>1</i>	<i>4</i>	<i>u/ Boiler "1795"</i>
<i>29/09/25</i>		<i>1</i>	<i>3</i>	<i>u/ Boiler "1842"</i>
<i>06/10/25</i>		<i>1</i>	<i>2</i>	<i>u/ Boiler "1881"</i>
<i>13/10/25</i>		<i>1</i>	<i>1</i>	<i>u/ Boiler</i>
TGL	IN	OUT	JUMLAH	KETERANGAN
				<i>" 1935 "</i>
<i>28/10/25</i>		<i>1</i>	<i>-</i>	<i>u/ Boiler 6Ton</i> <i>" 2017 "</i>
<i>11/11/25</i>	<i>12</i>		<i>12</i>	<i>u/ PT.</i> <i>Tirta nus2</i>
<i>12/11/25</i>		<i>1</i>	<i>11</i>	<i>u/ Boiler "2055"</i>
<i>24/11/25</i>		<i>1</i>	<i>10</i>	<i>u/ Heatreat</i> <i>Boiler</i>
<i>1/12/25</i>		<i>3</i>	<i>87</i>	<i>u/ Regenerasi</i> <i>/Pengolahan</i> <i>Air spa ton</i> <i>Whs.</i>
<i>16/12/25</i>		<i>2</i>	<i>5</i>	<i>u/ pompa</i> <i>raw water</i> <i>10T Boiler</i>
<i>22/12/25</i>		<i>3/11/25</i>	<i>4</i>	<i>u/ Boiler 6TON</i> <i>" 2328 "</i>
<i>30/12/25</i>		<i>2</i>	<i>2</i>	<i>u/ Boiler "2370"</i>



Good Quality Improves Life's Quality

PT. MERSIFARMA TM.
SUKABUMI-INDONESIA

CONSUMABLE JUSTIFICATIONS

Nomor : CONS-CHEM-02

Tanggal : 14 Maret 2024

Revisi : 00

NAMA BARANG	Hitreat BW 165 FG
TYPE / BRAND	
DIGUNAKAN UNTUK	Boiler 1 Ton, dan Boiler 6 Ton
PACKAGING ORIGINAL	1 Can @ 30 Liter
PEMBELIAN	Lokal

Estimasi Jumlah Pemakaian

A. Digunakan Untuk Chemical Air Feed Water, berikut kebutuhan perbulan Hitreat BW 165 FG:

- Boiler 1 ton membutuhkan 0,5 can (15 Liter) dalam 1 bulan.
- Boiler ~~2~~³ ton Membutuhkan 3 Can (90 Liter) dalam 1 bulan

No.	Nama Alat	Jumlah Peralatan [A]	Chemical / Bulan [B]	Total [A x B]
1	Boiler 1 Ton	2	0,5	1
2	Boiler 6 Ton	1	3	3
Total Kebutuhan Hitreat BW 165 FG / Bulan				4 Can

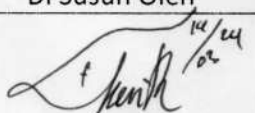
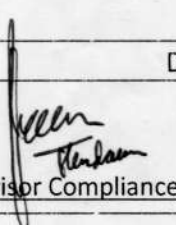
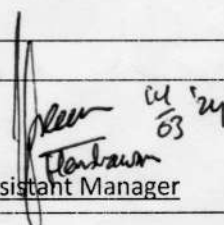
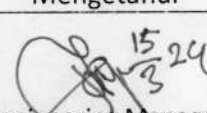
B. Lead Time : 2 Bulan SPB

C. Decide to maintain minimal stock : [Total Kebutuhan Hitreat BW 165 FG/ Bulan x Lead Time]
[4 x 2] = 8 Can

D. Decide to maintain Order Quantity (100% - 150%) : [C x 150%]
[8 x 150%] = 12 Can

ROPOSAL TO SECURE OF SUPPLY

MINIMUM STOCK	ORDER QUANTITY
8	12

Di Susun Oleh	Diperiksa		Mengetahui
 14/03/24	 Supervisor Compliance	 14/03/24 Assistant Manager	 15/03/24 Engineering Manager