

**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  | IMO20371    | Teflon Flat Belt |              |             | Uk. 750 mm X 15 mm                    | PCS    | 30-Apr-26         | 10     | PF000144 | PT ASIAPARTS INDOTECH | 5             | 6            | 10                | SP-MECH-133    |
| 2  | IMO15042    | Karet Oring      |              |             | Uk. ID : 152 mm OD : 160 mm, T : 4 mm | PCS    | -                 | -      | -        | -                     | 0             | 2            | 3                 | SP-MECH-121    |
| 3  | IMO12135    | Linear Bearing   | HIWIN        | MGW15C Z 20 |                                       | PCS    | 09-Oct-25         | 5      | PW019982 | SUMBERPARTS BERINDO   | 6             | 3            | 5                 | SP-MECH-134    |
| 4  | IMO02035    | Bearing          | SKF          | 6805        |                                       | PCS    | 11-Jun-25         | 9      | PW016301 | SUMBERPARTS BERINDO   | 7             | 6            | 9                 | SP-MECH-135    |
| 5  | IMO22004    | V-Belt           | SINOF        | 50 T10-1560 | Jumlah gigi 159 Pitch Lebar 40 mm     | PCS    | 30-May-24         | 2      | PR147926 | Mitra Teknik Mandiri  | 1             | 1            | 2                 | SP-MECH-103    |

**Catatan :**

Permintaan Teflon Flat Belt , Karet Oring , Bearing 6805 , Linear bearing MGW15C & V-Belt 50 T10-1560 . Sudah berada pada minimum stock sehingga perlu diajukan terhadap Teflon Flat Belt , Karet Oring , Bearing 6805 , Linear bearing MGW15C & V-Belt 50 T10-1560 Tersebut.

SPAREPARTS CONTROLLER

 1/26  
107

AJKA AMIRIN

Asst. Manager

 01/26  
07

FIRMAN ARDI B

MANAGER

 01/26  
07

HERMAWAN WIDYAPRASETYA



# BIN CARD ENGINEERING

TEFLON FLAT BELT UK. 750x150mm

NAMA BARANG : V-Belt Anti Panas LOKASI : P-3

KODE BARANG : 1MO203711 MINIMUM STOK : 6

SATUAN : per ORDER QTY : 10

| TGL      | IN | OUT | JUMLAH | KETERANGAN                                                         |
|----------|----|-----|--------|--------------------------------------------------------------------|
| 13/1/24  |    |     | 8      |                                                                    |
| 28/05/24 |    | 2   | 6      | u/mesin Continus<br>Band sealer u.g<br>"002/Prod 4/4/<br>24"       |
| 07/7/24  |    | 2   | 4      | u/12" Sealer<br>u.g<br>"1312/4"                                    |
| 09/4/25  |    | 4   | —      | u/Penggantian<br>mesin Continus<br>band sealer u.g<br>"014/Prod 4" |

| TGL          | IN | OUT | JUMLAH | KETERANGAN                                                  |
|--------------|----|-----|--------|-------------------------------------------------------------|
| 05/07/24     | 10 |     | 10     | Pr. A110 belt<br>melafrek                                   |
| 28/11/25     |    | 1   | 9      | u/Penggantian Belt<br>Tahen Panas Unit<br>6A "21/2"         |
| 14/12/25     |    | 2   | 7      | u/Penggantian<br>di mesin Sealer<br>Unit 6A "200"           |
| 03/26<br>04  |    | 2   | 4      | u/Penggantian<br>Belt mesin Band<br>Sealer Unit 6A<br>"005" |
| 02/26<br>02  |    | 2   | 2      | BK-150                                                      |
| 09/26<br>02. |    | 1   | 1      | BK-178                                                      |
| 23/26<br>02  |    | 2   | —      | BK-260                                                      |

## BIN CARD ENGINEERING

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

| TGL         | IN | OUT | JUMLAH                        | KETERANGAN |
|-------------|----|-----|-------------------------------|------------|
| 17/26<br>05 | 6  |     | 6                             |            |
| 30/26<br>29 | 10 |     | 10                            | BK - 135   |
| 9/26<br>05  |    | 2   | 88 <sup>du</sup>              | BK - 645   |
| 04/06/26    |    | 1   | 87 <sup>salah jumlah du</sup> | BK - 745   |
| 27/26<br>06 |    | 2   | 5 <sup>du</sup>               | BK - 867   |

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|                                                                                                                                                                                          |                                      |                                                               |
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|  <b>mersi</b><br><i>Good Quality Improves Life's Quality</i><br>PT. MERSIFARMA TM.<br>SUKABUMI-INDONESIA | <b>SPAREPARTS<br/>JUSTIFICATIONS</b> | Nomor : SP-MECH-002<br>Tanggal : 17 April 2025<br>Revisi : 00 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------|

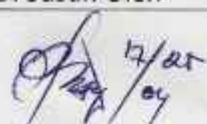
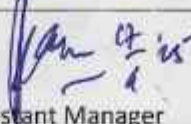
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|-----------------|------------------|
| NAMA BARANG     | Teflon Flat Belt |
| Size            | 750 mm x 15 mm   |
| DIGUNAKAN UNTUK | Band Sealer      |
| PEMBELIAN       | Lokal            |

| NO                                                 | DIPAKAI<br>UNTUK | LOKASI            | JUMLAH<br>PERALATAN<br>[A] | JUMLAH BARANG /<br>SATU ALAT<br>[B] | TOTAL<br>[A x B] |
|----------------------------------------------------|------------------|-------------------|----------------------------|-------------------------------------|------------------|
| 1                                                  | Band Sealer      | Produksi U.2      | 1                          | 2                                   | 2                |
| 2                                                  |                  | Produksi U.4 Lt.1 | 5                          | 2                                   | 10               |
| 3                                                  |                  | Produksi U.4 Lt.2 | 2                          | 2                                   | 4                |
| TOTAL TEFLON FLAT BELT UK. 750 mm X 15mm TERPASANG |                  |                   |                            |                                     | 16 Pcs           |

|   |                                               |                                                                               |
|---|-----------------------------------------------|-------------------------------------------------------------------------------|
| A | Mean Time Between Failure (MTBF)              | 6 Months                                                                      |
| B | MTBF Assumption                               | 6 Months                                                                      |
| C | Avarage Months consumption                    | 16 Pcs/ 6 Months = 2,7 Pcs                                                    |
| D | Lead Time                                     | 2 Months (From SPB)                                                           |
| E | Decide to maintain minimal stock              | $(C \times D) = 2,7 \times 2 = 5,4 = 6 \text{ Pcs}$                           |
| F | Decide to maintain Order Point ( 100% - 150%) | $(150\% \times E) = 150\% \times 6 = 9 = 10 \text{ Pcs}$<br>(Back Up 5 Mesin) |

### PROPOSAL TO SECURE OF SUPPLY

| MINIMUM STOCK | ORDER QUANTITY |
|---------------|----------------|
| <b>6</b>      | <b>10</b>      |

| Di Susun Oleh                                                                                | Diperiksa                                                                                                             |                                                                                                                    | Mengetahui                                                                                                            |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|  17/04/25 |  17/04/25<br>Supervisor Compliance |  17/04/25<br>Assistant Manager |  17/04/25<br>Engineering Manager |



|                                                                                                                                                                                          |                                      |                                                              |
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|  <b>mersi</b><br><i>Good Quality Improves Life's Quality</i><br>PT. MERSIFARMA TM.<br>SUKABUMI-INDONESIA | <b>SPAREPARTS<br/>JUSTIFICATIONS</b> | Nomor : SP-MECH-121<br>Tanggal : 03 JUNI 2026<br>Revisi : 00 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|--------------------------------------------------------------|

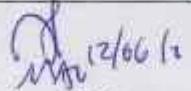
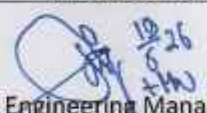
|                 |                                        |
|-----------------|----------------------------------------|
| NAMA BARANG     | Karet Oring                            |
| TYPE/BRAND      | ID : 152 mm, OD : 160 mm, TEBAL : 4 mm |
| DIGUNAKAN UNTUK | LABELING VIAL                          |
| PEMBELIAN       | Lokal                                  |

| NO | DIPAKAI UNTUK | LOKASI               | JUMLAH PERALATAN [A] | JUMLAH BARANG / SATU ALAT [B] | TOTAL [A x B] |
|----|---------------|----------------------|----------------------|-------------------------------|---------------|
| 1  | LABELING VIAL | Produksi U.6A STERIL | 1                    | 1                             | 1             |
| 2  |               | Produksi U1          | 1                    | 1                             | 1             |

|   |                                               |                            |
|---|-----------------------------------------------|----------------------------|
| A | Mean Time Between Failure (MTBF)              | 6 Months                   |
| B | MTBF Assumption                               | 6 Months                   |
| C | Avarage Months consumption                    | 2 Pcs/ 6 Months = 0.33 Pcs |
| D | Lead Time                                     | 2 Months (From SPB)        |
| E | Decide to maintain minimal stock              | (C x D) = 0.33 x 2 = 2 Pcs |
| F | Decide to maintain Order Point ( 100% - 150%) | (150% x E) = 150% x 2 = 3  |

### PROPOSAL TO SECURE OF SUPPLY

| MINIMUM STOCK | ORDER QUANTITY |
|---------------|----------------|
| <b>2</b>      | <b>3</b>       |

| Di Susun Oleh                                                                      | Diperiksa                                                                                                     |                                                                                                           | Mengetahui                                                                                                   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  | <br>Supervisor Maintenance | <br>Assistant Manager | <br>Engineering Manager |



L: K-1

|                                                                                                                                                                                          |                                      |                                                  |
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|  <b>mersi</b><br><i>Good Quality Improves Life's Quality</i><br>PT. MERSIFARMA TM.<br>SUKABUMI-INDONESIA | <b>SPAREPARTS<br/>JUSTIFICATIONS</b> | Nomor :<br>Tanggal : 10 Juni 2025<br>Revisi : 00 |
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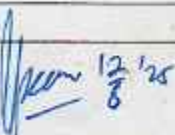
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|-----------------|-----------------------------------|
| NAMA BARANG     | Linear Bearing                    |
| TYPE / BRAND    | MGW15C / HIWIN                    |
| DIGUNAKAN UNTUK | Filling Ampoule, dan Filling Vial |
| PEMBELIAN       | Lokal                             |

| NO                                    | DIPAKAI<br>UNTUK | LOKASI                | JUMLAH<br>PERALATAN<br>[A] | JUMLAH BARANG /<br>SATU ALAT<br>[B] | TOTAL<br>[A x B] |
|---------------------------------------|------------------|-----------------------|----------------------------|-------------------------------------|------------------|
| 1                                     | Filling Vial     | Produksi U. 6A Steril | 2                          | 4                                   | 8                |
| 2                                     | Filling Ampoule  | Produksi U.6A Steril  | 2                          | 4                                   | 8                |
| TOTAL LINEAR BEARING MGW15C TERPASANG |                  |                       |                            |                                     | 16 PCS           |

|   |                                               |                                                           |
|---|-----------------------------------------------|-----------------------------------------------------------|
| A | Mean Time Between Failure (MTBF)              | 12 Months                                                 |
| B | MTBF Assumption                               | 12 Months                                                 |
| C | Avarage Months consumption                    | 16 Pcs/ 12 Months = 1,3 Pcs                               |
| D | Lead Time                                     | 2 Months (From SPB)                                       |
| E | Decide to maintain minimal stock              | $(C \times D) = 1,3 \times 2 = 2,6 = 3 \text{ Pcs}$       |
| F | Decide to maintain Order Point ( 100% - 150%) | $(150\% \times E) = 150\% \times 3 = 4,5 = 5 \text{ Pcs}$ |

### PROPOSAL TO SECURE OF SUPPLY

| MINIMUM STOCK | ORDER QUANTITY |
|---------------|----------------|
| <b>3</b>      | <b>5</b>       |

| Di Susun Oleh                                                                       | Diperiksa                                                                                                    |                                                                                                                    | Mengetahui                                                                                                            |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
|  | <br>Supervisor Compliance |  12/8 '25<br>Assistant Manager |  12/8 '25<br>Engineering Manager |

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L: C-10

|                                                                                                                                                                                          |                                      |                                                      |
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|  <b>mersi</b><br><i>Good Quality Improves Life's Quality</i><br>PT. MERSIFARMA TM.<br>SUKABUMI-INDONESIA | <b>SPAREPARTS<br/>JUSTIFICATIONS</b> | Nomor :<br>Tanggal : 13 November 2023<br>Revisi : 00 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------------------|

|                 |                             |
|-----------------|-----------------------------|
| NAMA BARANG     | Bearing                     |
| TYPE / BRAND    | 6805 ZZ ✓                   |
| DIGUNAKAN UNTUK | Stripping, dan Filling Vial |
| PEMBELIAN       | Lokal                       |

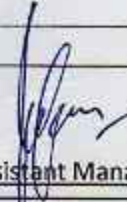
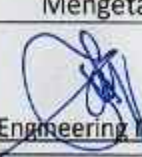
| NO                              | DIPAKAI<br>UNTUK | LOKASI                | JUMLAH<br>PERALATAN<br>[A] | JUMLAH BARANG /<br>SATU ALAT<br>[B] | TOTAL<br>[A x B] |
|---------------------------------|------------------|-----------------------|----------------------------|-------------------------------------|------------------|
| 1                               | Stripping        | Produksi U.2          | 2                          | 2                                   | 4                |
| 2                               |                  | Produksi U.3          | 3                          | 2                                   | 6                |
| 3                               |                  | Produksi U.4          | 8                          | 2                                   | 16               |
| 4                               | Filling Ampoule  | Produksi U.1 Steril   | 2                          | 8                                   | 16               |
| 5                               |                  | Produksi U.6A Steril  | 2                          | 8                                   | 16               |
| 6                               | Filling Vial     | Produksi U. 1 Steril  | 1                          | 6                                   | 6                |
| 7                               |                  | Produksi U. 6A Steril | 1                          | 6                                   | 6                |
| TOTAL BEARING 6805 zz TERPASANG |                  |                       |                            |                                     | 70 PCS           |

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|   |                                               |                                                     |
|---|-----------------------------------------------|-----------------------------------------------------|
| A | Mean Time Between Failure (MTBF)              | 24 Months                                           |
| B | MTBF Assumption                               | 24 Months                                           |
| C | Average Months consumption                    | 70 Pcs/ 24 Months = 2,9 Pcs                         |
| D | Lead Time                                     | 2 Months (From SPB)                                 |
| E | Decide to maintain minimal stock              | $(C \times D) = 2,9 \times 2 = 5,8 = 6 \text{ Pcs}$ |
| F | Decide to maintain Order Point ( 100% - 150%) | $(150\% \times E) = 150\% \times 6 = 9 \text{ Pcs}$ |

#### ROPOSAL TO SECURE OF SUPPLY

| MINIMUM STOCK | ORDER QUANTITY |
|---------------|----------------|
| <b>6</b>      | <b>9</b>       |

| Di Susun Oleh                                                                       | Diperiksa                                                                                                    |                                                                                                           | Mengetahui                                                                                                   |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
|  | <br>Supervisor Compliance | <br>Assistant Manager | <br>Engineering Manager |



|                                                                                                                                                                                          |                                      |                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------|
|  <b>mersi</b><br><i>Good Quality Improves Life's Quality</i><br>PT. MERSIFARMA TM.<br>SUKABUMI-INDONESIA | <b>SPAREPARTS<br/>JUSTIFICATIONS</b> | Nomor : SP-MECH-103<br>Tanggal : 06 APRIL 2026<br>Revisi : 00 |
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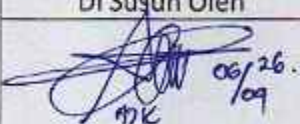
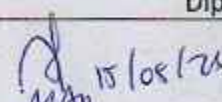
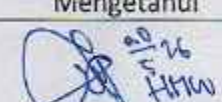
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|-----------------|-----------------------|
| NAMA BARANG     | V-Belt                |
| TYPE / BRAND    | 50-T10-1560           |
| DIGUNAKAN UNTUK | Mesin Washing Ampoule |
| PEMBELIAN       | Lokal                 |

| NO                                 | DIPAKAI<br>UNTUK | LOKASI              | JUMLAH<br>PERALATAN<br>[A] | JUMLAH BARANG /<br>SATU ALAT<br>[B] | TOTAL<br>[A x B] |
|------------------------------------|------------------|---------------------|----------------------------|-------------------------------------|------------------|
| 1                                  | Washing Ampoule  | Produksi U.1 Steril | 1                          | 1                                   | 1                |
| TOTAL V-BELT 50-T10-1560 TERPASANG |                  |                     |                            |                                     | <b>1 Pcs</b>     |

|          |                                               |                                               |
|----------|-----------------------------------------------|-----------------------------------------------|
| <b>A</b> | Mean Time Between Failure (MTBF)              | 3 Months                                      |
| <b>B</b> | MTBF Assumption                               | 3 Months                                      |
| <b>C</b> | Avarage Months consumption                    | 1 Pcs/ 3 Months = 0.3 Pcs                     |
| <b>D</b> | Lead Time                                     | 2 Months (From SPB)                           |
| <b>E</b> | Decide to maintain minimal stock              | $(C \times D) = 2 \times 0.3 = 1 \text{ Pcs}$ |
| <b>F</b> | Decide to maintain Order Point ( 100% - 150%) | $(150\% \times E) = 150\% \times 1 = 2$       |

#### PROPOSAL TO SECURE OF SUPPLY

| MINIMUM STOCK | ORDER QUANTITY |
|---------------|----------------|
| <b>1</b>      | <b>2</b>       |

| Di Sugun Oleh                                                                                      | Diperiksa                                                                                                                |                                                                                                                           | Mengetahui                                                                                                                 |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| <br>06/26<br>109 | <br>15/05/26<br>Supervisor Compliance | <br>15/26<br>105<br>Assistant Manager | <br>20/26<br>5<br>Engineering Manager |