

LAMPIRAN

Lampiran 1 Monitoring Life Time *Traveller* Laksmi

Monitoring Traveller Laksmi

| Tanggal | Shift | Kondisi Traveller | | | |
|------------|-------|-------------------|--------|-----|-----|
| | | Cacat | Loncat | Aus | Gos |
| | 1 | | | | |
| 19 Des '22 | 2 | | 3 | | |
| | 3 | | | | |
| 20 Des '22 | 1 | | | | |
| | 2 | | | | |
| | 3 | | 2 | 1 | |
| 21 Des '22 | 1 | | 2 | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |



Lampiran 2 Monitoring Life Time Traveller Kanai

Monitoring Kondisi Traveller Kanai

| Tanggal | Shift | Kondisi Traveller | | | |
|---------|-------|-------------------|--------|-----|--------|
| | | Cacat | Loncat | Aus | Gosong |
| | 1 | | | | |
| | 2 | | | | |
| 8/1/23 | 3/00 | | 2 | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |
| | 1 | | | | |
| | 2 | | | | |
| | 3 | | | | |



Lampiran 3 Perhitungan Produksi Perhari/mesin Setelah Dipengaruhi oleh *Yarn Break*

Dengan hasil produksi perhari/mesin sebesar 0,72895837 bale/ mesin.

1 bale = 181, 44 kg

0,72895837 bale = 132,214 kg

Diketahui:

| <i>Yarn break per 1000 spindel</i> | | |
|------------------------------------|------------------------------------|-------------------------------------|
| <i>Traveller</i> | Rata-rata Jumlah <i>Yarn break</i> | Loss Terhadap <i>Yarn break</i> (%) |
| Laksmi 6/0 material sapphire | 4,3 | 0,043 |
| Kanai 6/0 material toughmet | 3,67 | 0,0367 |

1. *Traveller* Laksmi

$$= 132,214 - (132,214 \times 0,043\%)$$

$$= 132,157 \text{ kg}$$

2. *Traveller* Kanai

$$= 132,214 - (132,214 \times 0,0367\%)$$

$$= 132,165 \text{ kg}$$

Lampiran 4 Data Pengujian *Hairness Traveller* Laksmi

| Pengujian | Hasil |
|-----------|-------|
| 1 | 4,12 |
| 2 | 4,13 |
| 3 | 4,11 |
| 4 | 4,37 |
| 5 | 3,93 |
| 6 | 3,74 |
| 7 | 3,98 |
| 8 | 4,16 |
| 9 | 4,05 |
| 10 | 4,05 |
| 11 | 4,12 |
| 12 | 4,19 |
| 13 | 4,40 |
| 14 | 4,30 |
| 15 | 4,07 |
| 16 | 3,77 |
| 17 | 3,74 |
| 18 | 3,69 |
| 19 | 3,68 |
| 20 | 3,54 |
| 21 | 4,02 |
| 22 | 3,98 |
| 23 | 4,23 |
| 24 | 4,04 |
| 25 | 3,94 |
| 26 | 3,93 |
| 27 | 3,96 |
| 28 | 3,87 |
| 29 | 3,93 |
| 30 | 3,96 |
| Jumlah | 120 |
| Rata-rata | 4 |

Lampiran 5 Data Pengujian *Hairness Traveller* Kanai

| Pengujian | Hasil |
|-----------|--------|
| 1 | 4,37 |
| 2 | 4,18 |
| 3 | 4,18 |
| 4 | 4,25 |
| 5 | 4,04 |
| 6 | 4,28 |
| 7 | 4,46 |
| 8 | 4,14 |
| 9 | 4,55 |
| 10 | 4,26 |
| 11 | 4,27 |
| 12 | 4,15 |
| 13 | 3,81 |
| 14 | 4,22 |
| 15 | 4,14 |
| 16 | 4,36 |
| 17 | 4,27 |
| 18 | 4,54 |
| 19 | 4,39 |
| 20 | 4,28 |
| 21 | 4,34 |
| 22 | 4,27 |
| 23 | 3,67 |
| 24 | 3,92 |
| 25 | 4,07 |
| 26 | 3,81 |
| 27 | 4,31 |
| 28 | 3,88 |
| 29 | 3,83 |
| 30 | 4,14 |
| Jumlah | 125,38 |
| Rata-rata | 4,18 |

Lampiran 6 Perhitungan Usia *Traveller* Terhadap *Biaya* Produksi

| Life Time <i>Traveller</i> (hari) | | |
|-----------------------------------|------------|---------------|
| Spesifikasi | Laksmi 6/0 | Kanai 6/0 |
| Material | Sapphire | Toughmet |
| Life time <i>traveller</i> (hari) | 6 | 12 |
| Harga 1 boX <i>traveller</i> | Rp 640.409 | Rpp 1.057.729 |
| Quantity | 10.000 | 10.000 |

Dengan rumus perhitungan sebagai berikut:

$$\frac{\text{harga 1 box traveller}}{\text{quantitiy 1 box traveller}} \times \frac{\text{jumlah spindel}}{\text{lifetime traveller}}$$

1. *Traveller* Laksmi

$$= \frac{640.409}{10.000} \times \frac{480}{6}$$

$$= 5.123,27$$

2. *Traveller* Kanai

$$= \frac{1.057.728}{10.000} \times \frac{480}{12}$$

$$= 4.230,92$$