

**Lampiran 5**

**Data PERHITUNGAN *SAFETY STOCK***

**1. Data Safety Stock Produk Mur-Baut *Customer* Toyota**

$$D = R_m = 222$$

$$L = 1 \text{ bulan}$$

$$\sigma = 1,62$$

$$Z_a = 1,28$$

$$\begin{aligned} B &= (222 \times 1) + (1,28 \times 1,62\sqrt{1}) \\ &= 222 + 2,0736 \\ &= 224,0736 \end{aligned}$$

$$\begin{aligned} S &= B - D \cdot L \\ &= 224,0736 - (222 \cdot 1) \\ &= 2 \end{aligned}$$

**2. Data Safety Stock Produk Mur-Baut *Customer* Honda**

$$D = R_m = 139$$

$$L = 1 \text{ bulan}$$

$$\sigma = 1,62$$

$$Z_a = 1,28$$

$$\begin{aligned} B &= (139 \times 1) + (1,28 \times 1,62\sqrt{1}) \\ &= 139 + 2,0736 \\ &= 141,0736 \end{aligned}$$

$$\begin{aligned} S &= B - D \cdot L \\ &= 141,0736 - (139 \cdot 1) \\ &= 2 \end{aligned}$$

**3. Data Safety Stock Produk Mur-Baut *Customer* Mitsubhisi**

$$D = R_m = 165$$

$$L = 1 \text{ bulan}$$

$$\sigma = 1,62$$

$$\begin{aligned}
 Z_a &= 1,28 \\
 B &= (165 \times 1) + (1,28 \times 1,62\sqrt{1}) \\
 &= 165 + 2,0736 \\
 &= 167,0736 \\
 S &= B-D.L \\
 &= 167,0736-(165.1) \\
 &= 2
 \end{aligned}$$

#### 4. Data Safety Stock Produk Mur-Baut *Customer Nissan*

$$\begin{aligned}
 D &= R_m = 128 \\
 L &= 1 \text{ bulan} \\
 \sigma &= 1,62 \\
 Z_a &= 1,28 \\
 B &= (128 \times 1) + (1,28 \times 1,62\sqrt{1}) \\
 &= 128 + 2,0736 \\
 &= 130,0736 \\
 S &= B-D.L \\
 &= 130,0736-(128.1) \\
 &= 2
 \end{aligned}$$

#### 5. Data Safety Stock Produk Mur-Baut *Customer Astrindo*

$$\begin{aligned}
 D &= R_m = 151 \\
 L &= 1 \text{ bulan} \\
 \sigma &= 1,62 \\
 Z_a &= 1,28 \\
 B &= (151 \times 1) + (1,28 \times 1,62\sqrt{1}) \\
 &= 151 + 2,0736 \\
 &= 153,0736 \\
 S &= B-D.L
 \end{aligned}$$

$$= 153,0736 - (151.1)$$

$$= 2$$

**Tabel. Data *Safeti Stock* pada masing-masing *customer* (kg)**

Produk/ Customer		Safety Stock
Mur-Baut	Toyota	2
	Honda	2
	Mitsubhisi	2
	Nissan	2
	Astrindo	2