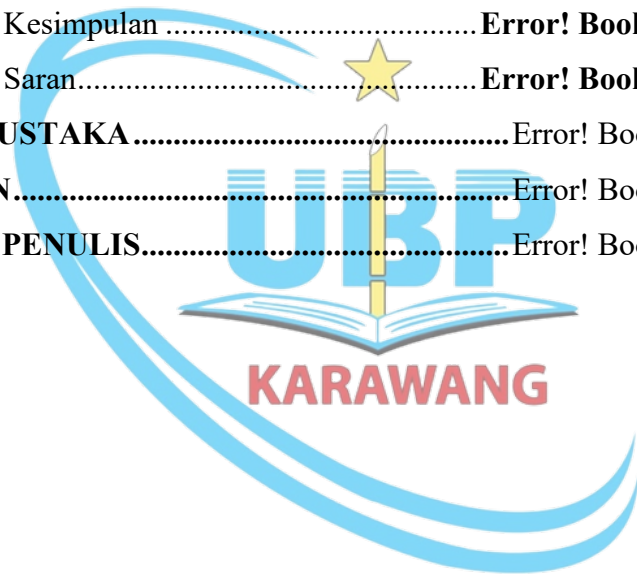


## DAFTAR ISI

LEMBAR PERSETUJUAN .....	Error! Bookmark not defined.
LEMBAR PENGESAHAN .....	Error! Bookmark not defined.
LEMBAR PERNYATAAN .....	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
ABSTRAK .....	Error! Bookmark not defined.
ABSTRACT .....	Error! Bookmark not defined.
DAFTAR ISI.....	ix
DAFTAR TABEL .....	xii
DAFTAR GAMBAR.....	xiii
DAFTAR LAMPIRAN .....	xiv
BAB I PENDAHULUAN.....	Error! Bookmark not defined.
1.1. Latar Belakang .....	<b>Error! Bookmark not defined.</b>
1.2. Rumusan Masalah.....	<b>Error! Bookmark not defined.</b>
1.3. Tujuan Penelitian .....	<b>Error! Bookmark not defined.</b>
1.4. Manfaat Penelitian .....	<b>Error! Bookmark not defined.</b>
1.5. Batasan Masalah.....	<b>Error! Bookmark not defined.</b>
BAB II TINJAUAN PUSTAKA.....	Error! Bookmark not defined.
2.1. Analisis Beban Kerja.....	<b>Error! Bookmark not defined.</b>
2.2. Beban Kerja ( <i>Workload</i> ) .....	<b>Error! Bookmark not defined.</b>
2.3. PTBI .....	<b>Error! Bookmark not defined.</b>
2.4. <i>Wet Wire Drawing (WWD)</i> .....	<b>Error! Bookmark not defined.</b>
2.5. Metode <i>Sampling</i> Pekerjaan.....	<b>Error! Bookmark not defined.</b>
2.5.1. Definisi <i>Sampling</i> Pekerjaan....	<b>Error! Bookmark not defined.</b>
2.5.2. Kegunaan <i>Sampling</i> Pekerjaan.	<b>Error! Bookmark not defined.</b>
2.5.3. Langkah-langkah Melakukan <i>Sampling</i> Pekerjaan.....	<b>Error!</b>
<b>Bookmark not defined.</b>	
2.5.4. Pengukuran Beban Kerja Metode <i>Sampling</i> Pekerjaan ...	<b>Error!</b>
<b>Bookmark not defined.</b>	
2.6. Metode <i>Subjective Workload Assessment Technique (SWAT)</i> ..	<b>Error!</b>
<b>Bookmark not defined.</b>	

2.7.	Penelitian Terkait .....	<b>Error! Bookmark not defined.</b>
2.8.	Kerangka Pemikiran.....	<b>Error! Bookmark not defined.</b>
<b>BAB III METODE PENELITIAN .....</b>		<b>Error! Bookmark not defined.</b>
3.1.	Objek Penelitian.....	<b>Error! Bookmark not defined.</b>
3.2.	Prosedur Penelitian.....	<b>Error! Bookmark not defined.</b>
3.3.	Sumber Data.....	<b>Error! Bookmark not defined.</b>
3.4.	Teknik Pengumpulan Data.....	<b>Error! Bookmark not defined.</b>
3.5.	Pengolahan dan Analisis Data.....	<b>Error! Bookmark not defined.</b>
<b>BAB IV HASIL DAN PEMBAHASAN .....</b>		<b>Error! Bookmark not defined.</b>
4.1.	Pengumpulan Data .....	<b>Error! Bookmark not defined.</b>
4.2.	Pengolahan Data Metode <i>Sampling</i> Pekerjaan	<b>Error! Bookmark not defined.</b>
	<b>defined.</b>	
4.2.1.	Aktivitas Produktif dan Non Produktif Operator.....	<b>Error! Bookmark not defined.</b>
	<b>Bookmark not defined.</b>	
4.2.2.	Menentukan Jumlah dan Jadwal Kunjungan	<b>Error! Bookmark not defined.</b>
	<b>not defined.</b>	
4.2.3.	Rekap Data.....	<b>Error! Bookmark not defined.</b>
4.2.4.	Uji Kecukupan Data.....	<b>Error! Bookmark not defined.</b>
4.2.5.	Uji Keseragaman Data .....	<b>Error! Bookmark not defined.</b>
4.2.6.	Faktor Penyesuaian .....	<b>Error! Bookmark not defined.</b>
4.2.7.	Kelonggaran ( <i>Allowance</i> ) .....	<b>Error! Bookmark not defined.</b>
4.2.8.	Perhitungan Beban Kerja .....	<b>Error! Bookmark not defined.</b>
4.3.	Pengolahan Data Metode <i>Subjective Workload Assessment Technique</i> ( <i>SWAT</i> ) .....	<b>Error! Bookmark not defined.</b>
4.3.1.	<i>Kendall's Coefficient of Concordance Test</i> ..	<b>Error! Bookmark not defined.</b>
	<b>not defined.</b>	
4.3.2.	Perhitungan <i>Scale Development</i> .....	<b>Error! Bookmark not defined.</b>
	<b>defined.</b>	
4.3.3.	Tahap <i>Event Scoring</i> .....	<b>Error! Bookmark not defined.</b>
4.4.	Analisis Pemecahan Masalah.....	<b>Error! Bookmark not defined.</b>
4.4.1.	Analisis Hasil <i>Sampling</i> Pekerjaan .....	<b>Error! Bookmark not defined.</b>
	<b>defined.</b>	

4.4.2.	Analisis Uji Kecukupan Data...	<b>Error! Bookmark not defined.</b>
4.4.3.	Analisis Uji Keseragaman Data .....	<b>Error! Bookmark not defined.</b>
4.4.4.	Analisis Faktor Penyesuaian ....	<b>Error! Bookmark not defined.</b>
4.4.5.	Analisis Faktor Kelonggaran ...	<b>Error! Bookmark not defined.</b>
4.4.6.	Analisis Perhitungan Beban Kerja .....	<b>Error! Bookmark not defined.</b>
4.4.7.	Analisis Perhitungan Beban Kerja Mental....	<b>Error! Bookmark not defined.</b>
4.5.	Usulan Perbaikan .....	<b>Error! Bookmark not defined.</b>
<b>BAB V KESIMPULAN DAN SARAN .....</b>		<b>Error! Bookmark not defined.</b>
5.1.	Kesimpulan .....	<b>Error! Bookmark not defined.</b>
5.2.	Saran.....	<b>Error! Bookmark not defined.</b>
<b>DAFTAR PUSTAKA .....</b>		<b>Error! Bookmark not defined.</b>
<b>LAMPIRAN.....</b>		<b>Error! Bookmark not defined.</b>
<b>RIWAYAT PENULIS.....</b>		<b>Error! Bookmark not defined.</b>



## DAFTAR TABEL

- Tabel 1. 1 Rincian Waktu Kegiatan Operator *WWD* **Error! Bookmark not defined.**
- Tabel 2. 1 Rincian Pembagian Mesin Proses *WWD* **Error! Bookmark not defined.**
- Tabel 2. 2 Perbedaan *Stopwatch* dengan *Work Sampling* Pekerjaan ..... **Error! Bookmark not defined.**
- Tabel 2. 3 Penyesuaian Menurut Metode *Westinghouse* **Error! Bookmark not defined.**
- Tabel 2. 4 Penelitian Terkait ..... **Error! Bookmark not defined.**
- Tabel 3. 1 Tabel Jenis dan Sumber Data ..... **Error! Bookmark not defined.**
- Tabel 4. 1 Hasil Pengurutan Kartu Penilaian *SWA* **Error! Bookmark not defined.**
- Tabel 4. 2 Rekap Kuisisioner Penilaian *SWA* ..... **Error! Bookmark not defined.**
- Tabel 4. 3 Kegiatan Produktif Operator *WWD* ..... **Error! Bookmark not defined.**
- Tabel 4. 4 Kegiatan Non Produktif Operator *WWD* **Error! Bookmark not defined.**
- Tabel 4. 5 Jadwal Kunjungan Pengamatan *Sampling* Pekerjaan **Error! Bookmark not defined.**
- Tabel 4. 6 Rekap Hasil Pengamatan *Sampling* Pekerjaan Untuk Operator 1 **Error! Bookmark not defined.**
- Tabel 4. 7 Rekap Hasil Pengamatan *Sampling* Pekerjaan Untuk Operator 2 **Error! Bookmark not defined.**
- Tabel 4. 8 Rekap Hasil Pengamatan *Sampling* Pekerjaan Untuk Operator 3 **Error! Bookmark not defined.**
- Tabel 4. 9 Rekap Hasil Pengamatan *Sampling* Pekerjaan Untuk Operator 4 **Error! Bookmark not defined.**
- Tabel 4. 10 penilaian *Performance Rating* (p) untuk 4 Operator *WWD* ..... **Error! Bookmark not defined.**
- Tabel 4. 11 Persentase Kelonggaran untuk 4 Operator *WWD* **Error! Bookmark not defined.**

Tabel 4. 12 Rekap Beban Kerja Untuk Operator *WWDE*Error! **Bookmark not defined.**

Tabel 4. 13 Hasil perhitungan *Scale Development* Error! **Bookmark not defined.**

Tabel 4. 14 Nilai *Prototype*.....Error! **Bookmark not defined.**

Tabel 4. 15 Hasil *Event Scoring*.....Error! **Bookmark not defined.**

Tabel 4. 16 Rekap Hasil Perhitungan Beban MentalError! **Bookmark not defined.**



## DAFTAR GAMBAR

Gambar 2. 1 Alur Proses Pembuatan Produk *Steel Cord* **Error! Bookmark not defined.**

Gambar 2. 2 Langkah Pemecahan *SWAT*.....**Error! Bookmark not defined.**

Gambar 2. 3 Kerangka Pemikiran.....**Error! Bookmark not defined.**

Gambar 3. 1 Prosedur Penelitian.....**Error! Bookmark not defined.**

Gambar 4. 1 Diagram BKA dan BKB Hasil Pengamatan Operator 1 *Shift* 1 **Error! Bookmark not defined.**

Gambar 4. 2 Diagram BKA dan BKB Hasil Pengamatan Operator 1 *Shift* 2 **Error! Bookmark not defined.**

Gambar 4. 3 Diagram BKA dan BKB Hasil Pengamatan Operator 1 *Shift* 3 **Error! Bookmark not defined.**

Gambar 4. 4 Diagram BKA dan BKB Hasil Pengamatan Operator 2 *Shift* 1 **Error! Bookmark not defined.**

Gambar 4. 5 Diagram BKA dan BKB Hasil Pengamatan Operator 2 *Shift* 2 **Error! Bookmark not defined.**

Gambar 4. 6 Diagram BKA dan BKB Hasil Pengamatan Operator 2 *Shift* 3 **Error! Bookmark not defined.**

Gambar 4. 7 Diagram BKA dan BKB Hasil Pengamatan Operator 3 *Shift* 1 **Error! Bookmark not defined.**

Gambar 4. 8 Diagram BKA dan BKB Hasil Pengamatan Operator 3 *Shift* 2 **Error! Bookmark not defined.**

Gambar 4. 9 Diagram BKA dan BKB Hasil Pengamatan Operator 3 *Shift* 3 **Error! Bookmark not defined.**

Gambar 4. 10 Diagram BKA dan BKB Hasil Pengamatan Operator 4 *Shift* 1  
.....**Error! Bookmark not defined.**

Gambar 4. 11 Diagram BKA dan BKB Hasil Pengamatan Operator 4 *Shift* 2  
.....**Error! Bookmark not defined.**

Gambar 4. 12 Diagram BKA dan BKB Hasil Pengamatan Operator 4 *Shift* 3  
.....**Error! Bookmark not defined.**

Gambar 4. 13 Tampilan Awal Program *SWAT* dengan Bantuan *Software Dosbox* 0.74.....**Error! Bookmark not defined.**  
Gambar 4. 14 Pengisian Pada Program *SWAT*.....**Error! Bookmark not defined.**  
Gambar 4. 15 Pengisian Pada Data Hasil Pengurutan Kartu Penilaian *SWAT* Pada Program *SWAT*.....**Error! Bookmark not defined.**  
Gambar 4. 16 Tampilan *Program Setup* .....**Error! Bookmark not defined.**  
Gambar 4. 17 Hasil Perhitungan Nilai *Kendall's Coefficient of Concordance (W)* .....**Error! Bookmark not defined.**  
Gambar 4. 18 Perhitungan Menggunakan *Group Scale Solution (GSS)*..... **Error! Bookmark not defined.**  
Gambar 4. 19 Hasil *Scale Solution* .....**Error! Bookmark not defined.**



## DAFTAR LAMPIRAN

- Lampiran 1 Surat Ijin Penelitian .....**Error! Bookmark not defined.**
- Lampiran 2 Surat Balasan Penelitian .....**Error! Bookmark not defined.**
- Lampiran 3 Lembar Bimbingan Seminar Proposal**Error! Bookmark not defined.**
- Lampiran 4 Lembar Bimbingan Tugas Akhir.....**Error! Bookmark not defined.**
- Lampiran 5 Surat Hasil Pengecekan Judul dan Abstrak Dalam Bahasa Inggris oleh Tim Bahasa UBP Karawang .....**Error! Bookmark not defined.**
- Lampiran 6 Surat Keterangan Lulus Pengecekan Turnitin**Error! Bookmark not defined.**
- Lampiran 7 Lembar Aktivitas Operator *WWD* .....**Error! Bookmark not defined.**
- Lampiran 8 Hasil Pengurutan Kartu *SWAT* .....**Error! Bookmark not defined.**
- Lampiran 9 Rancangan Rak *Tag* dan Cetakan Kawat**Error! Bookmark not defined.**

