

DAFTAR ISI

COVER.....	i
LEMBAR PERSETUJUAN	Error! Bookmark not defined.
LEMBAR PENGESAHAN	Error! Bookmark not defined.
LEMBAR PERNYATAAN.....	iv
KATA PENGANTAR.....	Error! Bookmark not defined.
ABSTRAK	Error! Bookmark not defined.
DAFTAR ISI.....	ix
DAFTAR TABEL	xiii
DAFTAR GAMBAR.....	xv
BAB I PENDAHULUAN.....	Error! Bookmark not defined.
1.1 Latar Belakang.....	Error! Bookmark not defined.
1.2 Rumusan Masalah	Error! Bookmark not defined.
1.3 Tujuan Penelitian.....	Error! Bookmark not defined.
1.4 Manfaat Penelitian.....	Error! Bookmark not defined.
BAB II TINJAUAN PUSTAKA.....	Error! Bookmark not defined.
2.1 Pengertian Perawatan.....	Error! Bookmark not defined.
2.2 Perbedaan antara Perawatan dan Perbaikan	Error! Bookmark not defined.
2.3 Keuntungan Perawatan Terencana	Error! Bookmark not defined.
2.4 Keandalan (<i>Reliability</i>).....	Error! Bookmark not defined.
2.5 Metode Penentuan Komponen Kritis....	Error! Bookmark not defined.
2.6. Fungsi – Fungsi Distribusi Kerusakan.	Error! Bookmark not defined.

2.6.1	Distribusi Normal	Error!
	Bookmark not defined.	
2.6.2	Distribusi	
	Lognormal.....Error!	
	Bookmark not defined.	
2.6.3	Distribusi	
	Ekspensial.....Error!	
	Bookmark not defined.	
2.6.4	Distribusi	
	Weibull.....Error!	
	Bookmark not defined.	
2.7	Uji Pearson Product Moment (Index of Fit).....	Error! Bookmark not defined.
2.8	Godness of Fit Test.....	Error! Bookmark not defined.
2.8.1	Mann's	
	Test.....Error!	
	Bookmark not defined.	
2.8.2	Bartlett's	
	Test.....Error!	
	Bookmark not defined.	
2.8.3	Kolmorov-Smirnov	
	Test.....Error! Bookmark	not defined.
2.9	Mean Time To Failure (MTTF).....	Error! Bookmark not defined.
2.10	Metode Age	
	Replacement.....Error!	
	Bookmark not defined.	
2.11	Perhitungan Interval Waktu Pemeriksaan	Error! Bookmark not defined.

2.12	Perhitungan Total Biaya Sebelum dan Sesudah Penjadwalan Penggantian Komponen.....	Error! Bookmark not defined.
2.13	Definisi Mesin Pres.....	Error! Bookmark not defined.
2.13.1	Klasifikasi Mesin Pres Berdasarkan Mekanisme yang Digunakan.....	Error! Bookmark not defined.
2.14	Press Dies.....	Error! Bookmark not defined.
2.15	Penelitian Terdahulu.....	Error! Bookmark not defined.
2.16	Tabel Penelitian Terdahulu.....	Error! Bookmark not defined.
BAB III METODE PENELITIAN		Error! Bookmark not defined.
3.1	Objek Penelitian.....	Error! Bookmark not defined.
3.2	Data dan Informasi.....	Error! Bookmark not defined.
3.2.1	Data Primer.....	Error! Bookmark not defined.
3.2.2	Data Sekunder.....	Error! Bookmark not defined.
3.3	Operasional Variabel.....	Error! Bookmark not defined.
3.4	Teknik Pengumpulan Data.....	Error! Bookmark not defined.

3.5	Populasi dan Sampel.....	Error!
	Bookmark not defined.	
3.5.1	Populasi.....	Error! Bookmark not defined.
3.5.2	Sampel.....	.Error! Bookmark not defined.
3.6	Kerangka Pemikiran.....	Error!
	Bookmark not defined.	
3.7	Teknik Analisis Data.....	Error! Bookmark not defined.
3.8	Prosedur Penelitian.....	Error!
	Bookmark not defined.	
3.9	Jadwal Penelitian.....	Error!
	Bookmark not defined.	
BAB IV HASIL DAN PEMBAHASAN		Error! Bookmark not defined.
4.1	Pengumpulan Data.....	Error! Bookmark not defined.
4.1.1	Data Umum.....	Error! Bookmark not defined.
4.2	Pengolahan Data	Error! Bookmark not defined.
4.2.1	Penentuan Komponen Kritis.....	Error! Bookmark not defined.

4.2.2	Data Hasil	
	Penelitian.....	Error!
	Bookmark not defined.	
4.2.2	Perhitungan	
	TTF.....	Error!
	Bookmark not defined.	
4.3	Penentuan Interval Waktu Penggantian.....	Error! Bookmark not defined.
4.3.1	Komponen <i>Punch</i>	
	<i>Dies</i>	Error!
	Bookmark not defined.	
4.3.2	Komponen	
	<i>Keylock</i>	Error!
	Bookmark not defined.	
4.3.2	Komponen <i>Bussin</i>	
	<i>Crankshaft</i>	Error!
	Bookmark not defined.	
4.4	Perhitungan Interval Waktu Pemeriksaan Komponen.....	Error!
	Bookmark not defined.	
4.4.1	Perhitungan Interval Waktu Pemeriksaan <i>Punch</i>	
	<i>Dies</i>	Error! Bookmark not defined.
4.4.2	Penentuan Interval Waktu Pemeriksaan <i>Keylock</i>	
		Error! Bookmark not defined.
4.4.3	Penentuan Interval Waktu Pemeriksaan <i>Bussin</i>	
	<i>Crankshaft</i> ...	Error! Bookmark not defined.
4.5	Perhitungan Tingkat <i>Availability</i> Total	Error! Bookmark not defined.
4.5.1	Komponen <i>Punch</i>	
	<i>Dies</i>	Error!
	Bookmark not defined.	

4.5.2	Komponen	
	<i>Keylock</i>	Error!
	Bookmark not defined.	
4.5.3	Komponen <i>Bussin</i>	
	<i>Crankshaft</i>	Error!
	Bookmark not defined.	
4.6	Perhitungan Total Biaya Sebelum Dan Sesudah Penjadwalan Penggantian	
	Komponen.....	Error!
	Bookmark not defined.	
4.6.1	Komponen <i>Punch</i>	
	<i>Dies</i>	Error!
	Bookmark not defined.	
4.6.2	Komponen <i>Keylock</i>	
		Error!
	Bookmark not defined.	
4.6.3	Komponen <i>Bussin</i>	
	<i>Crankshaft</i>	Error!
	Bookmark not defined.	
BAB V KESIMPULAN DAN SARAN		Error! Bookmark not defined.
5.1	Kesimpulan	Error! Bookmark not defined.
5.2	Saran	Error! Bookmark not defined.
DAFTAR PUSTAKA		Error! Bookmark not defined.
LAMPIRAN		Error! Bookmark not defined.
DAFTAR RIWAYAT HIDUP		Error! Bookmark not defined.



Tabel 1.1	Tabel Kerusakan Mesin Pres Hidraulis	Error!	Bookmark not defined.
Tabel 2.1	Perbandingan Kinerja Mesin Pres Mekanik dan Hidraulis.....	Error!	Bookmark not defined.
Tabel 2.2	Tabel Penelitian Terdahulu	Error!	Bookmark not defined.
Tabel 2.3	Tabel Penelitian Terdahulu (Lanjutan)	Error!	Bookmark not defined.
Tabel 2.4	Tabel Penelitian Terdahulu (Lanjutan)		44
Tabel 2.5	Tabel Penelitian Terdahulu (Lanjutan)		45
Tabel 3.1	Data Kerusakan Mesin Pres Januari 2018 s.d Maret 2019.....	Error!	Bookmark not defined.
Tabel 4.1	Nama Komponen Produksi PT. Cipta Unggul Karya Abadi	Error!	Bookmark not defined.

Tabel 4.2	Klasifikasi Komponen Kritis Mesin Pres 100 Ton	Error! Bookmark not defined.
Tabel 4.3	Data Kerusakan Komponen	Error! Bookmark not defined.
Tabel 4.4	Hasil Wawancara Dan Harga Komponen	Error! Bookmark not defined.
Tabel 4.5	Data Lama Waktu Perbaikan TTR (Time to Repair).....	Error! Bookmark not defined.
Tabel 4.6	Perhitungan Time To Repair (TTR) dan Time To Failure (TTF)	Error! Bookmark not defined.
Tabel 4.7	Perhitungan Time To Repair (TTR) dan Time To Failure (TTF)	Error! Bookmark not defined.
Tabel 4.8	Perhitungan Time To Repair (TTR) dan Time To Failure (TTF)	Error! Bookmark not defined.
Tabel 4.9	Perhitungan Index Of Fit Distribusi Normal TTF Komponen Punch Dies	Error! Bookmark not defined.
Tabel 4.10	Perhitungan Index Of Fit Distribusi Lognormal TTF Komponen Punch Dies	Error! Bookmark not defined.
Tabel 4.11	Perhitungan Index Of Fit Distribusi Weibull TTF Komponen Punch Dies	Error! Bookmark not defined.
Tabel 4.12	Perhitungan Index Of Fit Distribusi Eksponensial TTF Komponen Punch Dies	Error! Bookmark not defined.
Tabel 4.13	Rekapitulasi Perhitungan Manual Distribusi Selang Waktu Antar Kerusakan Komponen Punch Dies ..	Error! Bookmark not defined.
Tabel 4.14	Perhitungan Mann's Test TTF Komponen Punch Dies	Error! Bookmark not defined.
Tabel 4.15	Perhitungan Index Of Fit Distribusi Normal TTF Komponen Keylock	Error! Bookmark not defined.
Tabel 4.16	Perhitungan Index Of Fit Distribusi Lognormal TTF Komponen Keylock.....	Error! Bookmark not defined.
Tabel 4.17	Perhitungan Index Of Fit Distribusi Weibull TTF Komponen Keylock.....	Error! Bookmark not defined.

Tabel 4.18	Perhitungan Index Of Fit Distribusi Eksponensial TTF Komponen Keylock.....	Error! Bookmark not defined.
Tabel 4.19	Rekapitulasi Perhitungan Manual Distribusi Selang Waktu Antar Kerusakan Komponen Keylock	Error! Bookmark not defined.
Tabel 4.20	Perhitungan <i>Kolmogorov-Smirnov</i> TTF Komponen Keylock ..	Error! Bookmark not defined.
Tabel 4.21	Perhitungan Index Of Fit Distribusi Normal TTF Komponen Bussin Crankshaft	Error! Bookmark not defined.
Tabel 4.22	Perhitungan Index Of Fit Distribusi Lognormal TTF Komponen Bussin Crankshaft	Error! Bookmark not defined.
Tabel 4.23	Perhitungan Index Of Fit Distribusi Weibull TTF Komponen Bussin Crankshaft	Error! Bookmark not defined.
Tabel 4.24	Perhitungan Index Of Fit Distribusi Eksponensial TTF Komponen Bussin Crankshaft	Error! Bookmark not defined.
Tabel 4.25	Rekapitulasi Perhitungan Manual Distribusi Selang Waktu Antar Kerusakan Komponen Bussin Crankshaft	Error! Bookmark not defined.
Tabel 4.26	Perhitungan <i>Mann's Test</i> TTF Komponen.....	Error! Bookmark not defined.
Tabel 4.27	Interval Waktu Penggantian Komponen Punch Dies.....	Error! Bookmark not defined.
Tabel 4.28	Interval Waktu Penggantian Komponen Keylock.....	Error! Bookmark not defined.
Tabel 4.29	Interval Waktu Penggantian Komponen Bussin Crankshaft.....	Error! Bookmark not defined.

DAFTAR GAMBAR

Gambar 2.1	Kurva Distribusi Normal.....	Error! Bookmark not defined.
Gambar 2.2	Kurva Distribusi Lognormal	10
Gambar 2.1	<i>Crank Press</i> , Theryo (2009: 48).....	Error! Bookmark not defined.
Gambar 2.2	<i>Crank Shaft</i> , Theryo (2009: 45)	Error! Bookmark not defined.
Gambar 2.3	<i>Eccentric Shaft</i> , Theryo (2009: 45)	Error! Bookmark not defined.
Gambar 2.4	<i>Knuckle Press</i> , Theryo (2009: 48)..	Error! Bookmark not defined.
Gambar 2.5	<i>Friction Press</i> , Theryo (2009: 48)..	Error! Bookmark not defined.
Gambar 2.6	<i>Screw Press</i> , Theryo (2009: 48).....	Error! Bookmark not defined.
Gambar 2.7	<i>Rack Press</i> , Theryo (2009: 49).....	Error! Bookmark not defined.
Gambar 2.8	<i>Link Press</i> , Theryo (2009: 49).....	Error! Bookmark not defined.
Gambar 2.9	<i>Cam Press</i> , Theryo (2009: 50)	Error! Bookmark not defined.
Gambar 3.1	Kerangka Pemikiran.....	Error! Bookmark not defined.
Gambar 3.2	Tahapan Prosedur Penelitian.....	Error! Bookmark not defined.
Gambar 4. 1	Logo PT. Cipta Unggul Karya Abadi.....	Error! Bookmark not defined.
Gambar 4. 2	PT. Cipta Unggul Karya Abadi	Error! Bookmark not defined.
Gambar 4.3	Struktur organisasi PT. Cipta Unggul Karya Abadi.....	Error! Bookmark not defined.
Gambar 4. 4	Produk Hasil Mesin Pres	Error! Bookmark not defined.
Gambar 4. 5	Produk <i>Arm Rear Brake</i>	Error! Bookmark not defined.