

DAFTAR ISI

ABSTRAK	i
<i>ABSTRACT</i>	ii
Kata pengantar	iii
DAFTAR ISI	v
DAFTAR GAMBAR	viii
DAFTAR TABEL	ix
DAFTAR Lampiran	x
DAFTAR ISTILAH	xii
Bab I PENDAHULUAN	1
I.1 Latar Belakang	1
I.2 Perumusan Masalah	3
I.3 Tujuan Penelitian	3
I.4 Batasan Penelitian	4
I.5 Manfaat Penelitian	4
I.6 Sistematika Penulisan	4
Bab II LANDASAN TEORI	6
II.1 <i>Maintenance Management</i>	6
II.1.1 <i>Preventive Maintenance</i>	7
II.1.2 <i>Time Directed Maintenance</i>	8
II.1.3 <i>Condition Based Maintenance</i>	8
II.1.4 <i>Failure Finding</i>	8
II.1.5 <i>Run to Failure</i>	9
II.1.6 <i>Corrective Maintenance</i>	9
II.2 Kurva Laju Kerusakan	10
II.3 <i>Mean Time Between Failure (MTBF)</i>	11
II.4 <i>Maintainability</i>	11
II.5 Pengertian <i>Spare Part</i>	12
II.6 Pengertian <i>Spare Part Management</i>	12
II.7 Tujuan <i>Spare Part Management</i>	13
II.8 <i>Reliability Centered Spares (RCS)</i>	13
II.8.1 Pengertian <i>Reliability Centered Spares</i>	13
II.8.2 Proses <i>Reliability Centered Spares</i>	14

II.8.3 Keuntungan Penerapan RCS	16
II.9 <i>Critical Analysis</i>	16
II.10 <i>Poisson Process</i>	18
II.11 <i>Risk Priority Number</i>	18
II.12 Maintenance Value Stream Map	19
II.13 Studi Literatur	20
Bab III METODOLOGI PENELITIAN	21
III.1 Model Konseptual	21
III.2 Sistematika Pemecahan Masalah.....	22
III.2.1 Tahap Pendahuluan	25
III.2.2 Tahap Pengumpulan Data.....	27
III.2.3 Tahap Pengolahan Data.....	27
III.2.4 Tahap Analisis dan Kesimpulan.....	29
BAB IV PENGUMPULAN DAN PENGOLAHAN DATA.....	30
IV.1 Pengumpulan Data	30
IV.2 Deskripsi Mesin Murata 310A	30
IV.3 Pengolahan Data.....	30
IV.3.1 Pemilihan Sistem Kritis	30
IV.3.2 <i>Criticality Analysis</i> Level Sistem	32
IV.3.3 <i>Criticality Component</i>	33
IV.3.4 Uji Distribusi	35
IV.3.5 Penentuan Parameter Distribusi TTR & TBF.....	37
IV.3.6 <i>Spares Classification</i>	39
IV.3.7 Perhitungan Kebutuhan <i>Spares</i>	39
IV.4 <i>Maintenance Value Stream Map</i>	40
IV.5 Analisis Penyebab Perawatan Kurang Efektif	45
IV.6 Rekomendasi Perbaikan	46
IV.7 Penggambaran <i>Future State Map</i>	50
BAB V ANALISIS	53
V.1 Analisis <i>Criticality System</i>	53
V.2 Analisis <i>Criticality Component</i>	54
V.3 Analisis <i>Spares Classification</i>	55
V.4 Analisis Perhitungan Kebutuhan <i>Spares</i> Komponen Kritis	56
V.5 Analisis <i>Current State Map</i>	56

V.6 Analisis Rekomendasi Perbaikan	57
V.7 Analisis <i>Future State Map</i>	58
BAB VI KESIMPULAN DAN SARAN	59
VI.1 Kesimpulan	59
VI.2 Saran.....	59
VI.2.1 Saran Bagi Perusahaan	59
VI.2.2 Saran Bagi Penelitian Selanjutnya.....	60
DAFTAR PUSTAKA	61