

## DAFTAR ISI

<b>LEMBARAN PERNYATAAN ORISINALITAS .....</b>	<b>i</b>
<b>ABSTRAK .....</b>	<b>iii</b>
<b>ABSTRACT .....</b>	<b>iv</b>
<b>KATA PENGANTAR.....</b>	<b>v</b>
<b>DAFTAR ISI.....</b>	<b>vi</b>
<b>DAFTAR GAMBAR.....</b>	<b>ix</b>
<b>DAFTAR TABEL .....</b>	<b>x</b>
<b>DAFTAR ISTILAH .....</b>	<b>xii</b>
<b>DAFTAR SINGKATAN.....</b>	<b>xiii</b>
<b>BAB I PENDAHULUAN.....</b>	<b>1</b>
I.1 Latar Belakang .....	1
I.2 Rumusan Masalah .....	6
I.3 Tujuan Penelitian .....	6
I.4 Manfaat Penelitian .....	7
I.5 Batasan Penelitian .....	7
I.6 Sistematika Penulisan Laporan .....	7
<b>BAB II LANDASAN TEORI .....</b>	<b>9</b>
II.1 Manajemen Perawatan Industri .....	9
II.1.1 Tujuan Perawatan Industri .....	9
II.1.2 Klasifikasi Perawatan.....	10
II.2 <i>Total Productive Maintenance (TPM)</i> .....	11
II.2.1 Manfaat <i>Total Productive Maintenance (TPM)</i> .....	12
II.2.2 Pilar <i>Total Productive Maintenance (TPM)</i> .....	12
II.3 <i>Overall Equipment Effectiveness (OEE)</i> .....	17
II.3.1 Identifikasi <i>Six Big Lossess</i> .....	18
II.5 Diagram Fish Bone .....	20
II.6 <i>Paper</i> Terkait .....	20
II.6.1 Perbandingan <i>Paper</i> Terkait .....	27
II.6.2 Pemilihan Metode .....	38
<b>BAB III METODOLOGI PENELITIAN .....</b>	<b>40</b>

III.1	Model Konseptual .....	40
III.2	Sistematika Penyelesaian Masalah .....	41
III.2.1	Tahap Pendahuluan .....	45
III.2.2	Tahap Pengumpulan Data .....	46
III.2.3	Tahap Pengolahan Data dan Analisis.....	47
III.2.4	Kesimpulan dan Saran.....	47
<b>BAB IV PENGOLAHAN DATA .....</b>	<b>48</b>	
IV.1	Pengumpulan Data Penelitian .....	48
IV.1.1	Deskripsi Umum Objek Penelitian Mesin <i>Splitting</i> .....	48
IV.1.2	Kegiatan Perawatan Mesin <i>Splitting</i> .....	50
IV.1.3	Data Produksi Mesin <i>Splitting</i> .....	50
IV.1.4	Data Jam Kerja dan <i>Downtime</i> Mesin <i>Splitting</i> .....	53
IV.1.5	Data <i>Planned Downtime</i> Mesin <i>Splitting</i> .....	57
IV.1.6	Data <i>Theoretical Cycle Time</i> Mesin.....	57
IV.2	Pengolahan Data Penelitian.....	58
IV.2.1	Perhitungan <i>Availability</i> Mesin <i>Splitting</i> .....	58
IV.2.2	Perhitungan <i>Performance Rate</i> Mesin <i>Splitting</i> .....	62
IV.2.3	Perhitungan <i>Rate of Quality</i> Mesin <i>Splitting</i> .....	65
IV.2.4	Perhitungan <i>Overall Equipment Effectiveness</i> (OEE).....	67
IV.2.5	Perhitungan <i>Six Big Losses</i> Mesin <i>Splitting</i> .....	70
<b>BAB V ANALISIS DATA .....</b>	<b>87</b>	
V.1	Analisis Perhitungan <i>Overall Equipment Effectiveness</i> (OEE).....	87
V.1.1	Analisis Perhitungan <i>Availability</i> mesin <i>Splitting</i> .....	88
V.1.2	Analisis Perhitungan <i>Performance Rate</i> mesin <i>Splitting</i> .....	90
V.1.3	Analisis Perhitungan <i>Rate of Quality</i> mesin <i>Splitting</i> .....	92
V.2	Analisis <i>Six Big Losses</i> mesin <i>Splitting</i> .....	94
V.3	Analisis <i>Fishbone</i> .....	97
V.3.1	Analisis <i>Fishbone Idling and Minor Stoppage Losses</i> .....	98
V.3.2	Analisis <i>Fishbone Reduced Speed Losses</i> .....	100
V.3.3	Usulan Penyelesaian Masalah <i>Six Big Losses</i> .....	102
V.4	Analisis <i>Total Productive Maintenance</i> (TPM) .....	106

V.4.1	Analisis <i>Autonomous Maintenance</i> .....	106
V.4.2	Analisis <i>Focused Maintenance</i> .....	107
V.4.3	Analisis <i>Planned Maintenance</i> .....	107
V.4.4	Analisis <i>Quality Maintenance</i> .....	108
V.4.5	Analisis <i>Education &amp; Training</i> .....	108
V.4.6	Analisis <i>Safety &amp; Health</i> .....	109
V.4.7	Analisis <i>Office TPM</i> .....	109
V.4.8	Analisis <i>Development Management</i> .....	109
V.5	Usulan <i>Total Productive Maintenance</i> (TPM).....	110
V.5.1	Usulan <i>Jobdesk</i> Divisi <i>Maintenance</i> .....	111
V.5.2	Usulan Rancangan Penerapan <i>Total Productive Maintenance</i> (TPM)	113
<b>BAB VI</b>	<b>KESIMPULAN DAN SARAN.....</b>	<b>123</b>
VI.1	Kesimpulan.....	123
VI.1.1	<i>Overall Equipment Effectiveness</i> (OEE) .....	123
VI.1.2	<i>Six Big Losses</i> .....	123
VI.1.3	Usulan <i>Total Productive Maintenance</i> .....	124
VI.2	Saran .....	124
VI.2.1	Saran Untuk Perusahaan .....	124
VI.2.2	Saran Untuk Penelitian Selanjutnya.....	124
<b>DAFTAR PUSTAKA</b>	.....	<b>126</b>