

Daftar Isi

Lembar Pengesahan	i
Lembar Pernyataan.....	iii
Lembar Peruntukan	iv
Abstrak	v
Kata Pengantar	vii
Daftar Isi.....	ix
Daftar Tabel	xii
Daftar Gambar.....	xiv
Daftar Lampiran	xv
Bab 1 Pendahuluan	1
1.1. Latar Belakang Masalah.....	1
1.2. Identifikasi Masalah.....	3
1.3. Tujuan Penelitian	3
1.4. Batasan Masalah.....	3
1.5. Sistematika Penulisan.....	3
Bab 2 Landasan Teori.....	5
2.1. <i>Maintenance</i>	5
2.1.1. Tujuan <i>Maintenance</i>	6
2.1.2. Jenis-jenis <i>Maintenance</i>	6
2.2. Efektifitas dan Efisiensi	7
2.3. <i>Total Productive Maintenance</i> (TPM)	7
2.4. <i>Overall Equipment Effectiveness</i> (OEE).....	10
2.5. <i>Six Big Losses</i>	12
2.6. Diagram <i>Fishbone</i>	14
2.7. <i>Analytical Hierarchy Process</i> (AHP).....	15
Bab 3 Metodologi Penelitian	21
3.1. <i>Flowchart</i> Metodologi Penelitian	21
3.2. Langkah – Langkah Metodologi Penelitian	22
Bab 4 Pengumpulan dan Pengolahan Data	24

4.1. Pengumpulan Data	24
4.1.1. Data Umum Perusahaan.....	24
4.1.1.1. Sejarah Perusahaan.....	24
4.1.1.2. Lokasi Perusahaan.....	24
4.1.1.3. Struktur Organisasi Perusahaan	25
4.1.1.4. Kapasitas Produk PT. Sun Lee Jaya.....	26
4.1.1.5. Proses Produksi	27
4.1.1.6. Data <i>Planned Downtime</i>	29
4.1.1.7. Data <i>Breakdown</i>	30
4.1.1.8. Data <i>Setup and Adjustment</i>	30
4.1.1.9. Data Produksi	31
4.2. Pengolahan Data.....	32
4.2.1. Perhitungan <i>Overall Equipment Effectiveness (OEE)</i>	32
4.2.1.1. Perhitungan <i>Availability</i>	33
4.2.1.2. Perhitungan <i>Performance</i>	33
4.2.1.3. Perhitungan <i>Quality</i>	34
4.2.1.4. Perhitungan <i>Overall Equipment Effectiveness</i>	35
4.2.2. Perhitungan <i>Six Big Losses</i>	36
4.2.2.1. Perhitungan <i>Equipment Failure losses</i>	36
4.2.2.2. Perhitungan <i>Setup and Adjustment Losses</i>	37
4.2.2.3. Perhitungan <i>Idling and Minor Stoppages Losses</i>	38
4.2.2.4. Perhitungan <i>Reduced Speed Losses</i>	39
4.2.2.5. Perhitungan <i>Reduced Yield</i>	39
4.2.2.6. Perhitungan <i>Defect Losses</i>	40
4.2.3. Diagram <i>Fishbone</i>	42
4.2.4. <i>Analytical Hierarchy Process (AHP)</i>	43
Bab 5 Analisis	53
5.1. Perhitungan <i>Availability</i>	53
5.2. Perhitungan <i>Performance</i>	54
5.3. Perhitungan <i>Quality</i>	55
5.4. <i>Overall Equipment Effectiveness</i>	56

5.5. Perhitungan <i>Six Big Losses</i>	57
5.6. Diagram <i>Fishbone</i>	58
5.7. <i>Analytical Hierarchy Process</i>	59
5.6.1. Perhitungan Antar Kriteria.....	60
5.6.2. Perhitungan Analisis Antar Alternatif Kepada Setiap Kriteria	61
Bab 6 Kesimpulan dan Saran	67
6.1. Kesimpulan.....	67
6.2. Saran.....	68

Daftar Pustaka

Lampiran