

## DAFTAR ISI

<b>HALAMAN JUDUL .....</b>	<b>i</b>
<b>LEMBAR PERNYATAAN .....</b>	<b>ii</b>
<b>LEMBAR PENGESAHAN LAPORAN KERJA PRAKTEK .....</b>	<b>iii</b>
<b>SURAT KETERANGAN .....</b>	<b>iv</b>
<b>KATA PENGANTAR .....</b>	<b>v</b>
<b>DAFTAR ISI .....</b>	<b>vii</b>
<b>DAFTAR GAMBAR .....</b>	<b>x</b>
<b>DAFTAR TABEL .....</b>	<b>xi</b>
<b>DAFTAR GRAFIK .....</b>	<b>xii</b>
<b>BAB 1 PENDAHULUAN .....</b>	<b>1</b>
1.1 Latar Belakang .....	1
1.2 Tujuan Kerja Praktek .....	3
1.3 Metode Kerja Praktek .....	4
1.4 Jadwal Pelaksanaan Kerja Praktek .....	5
1.5 Sistematika Penulisan .....	6
<b>BAB II GAMBARAN UMUM PERUSAHAAN .....</b>	<b>7</b>
2.1 Sejarah Dan Perkembangan PT. Techking Enterprises Indonesia .....	7
2.2 Lokasi Perusahaan .....	8
2.3 Logo Perusahaan .....	8
2.4 Visi Dan Misi Perusahaan .....	8
2.5 Sasaran Dan Kebijakan Mutu Perusahaan .....	9
2.6 Struktur Organisasi PT. Techking Enterprises Indonesia .....	9
2.7 Tugas Dan Tanggung Jawab .....	10
2.8 Jenis Produk PT. Techking Enterprises Indonesia .....	17
<b>BAB III TINJAUAN PUSTAKA .....</b>	<b>18</b>
3.1 Pengertian <i>Maintenance</i> .....	18
3.2 Jenis – Jenis <i>Maintenance</i> .....	19
3.2.1 <i>Planned Maintenance</i> (Pemeliharaan Terencana) .....	19
3.2.2 <i>Unplanned Maintenance</i> (Pemeliharaan Tak Terencana) .....	24

3.3 Total Productive Maintenance (TPM) .....	25
3.3.1 Six Big Losses .....	26
3.3.2 Keuntungan TPM .....	27
3.4 Overall Equipment Effectiveness (OEE) .....	27
3.4.1 Perhitungan <i>Nilai Availability Ratio (%)</i> .....	28
3.4.2 Perhitungan <i>Performance Ratio (%)</i> .....	28
3.4.3 Perhitungan <i>Quality Ratio (%)</i> .....	29
3.4.4 Perhitungan <i>Overall Equipment Effectiveness (OEE)</i> .....	29
<b>BAB IV PENGUMPULAN DAN PENGOLAHAN DATA .....</b>	<b>30</b>
4.1 Pengumpulan Data .....	30
4.1.1 Data Peraturan Dan Waaktu Jam Kerja Perusahaan .....	31
4.1.2 Data Produksi Mesin <i>Blowing Moulding 500 ml</i> .....	32
4.2 Pengolahan Data .....	33
4.2.1 Perhitungan <i>Availability Rate</i> .....	33
4.2.1.1 <i>Planned Downtime</i> .....	34
4.2.1.2 <i>Running Time</i> .....	34
4.2.1.3 <i>Loading Time</i> .....	35
4.2.1.4 <i>Operation Time</i> .....	36
4.2.1.5 <i>Ideal Cycle Time</i> .....	38
4.2.1.6 <i>Availability Rate</i> .....	38
4.2.2 <i>Performance Rate</i> .....	40
4.2.3 <i>Quality Rate</i> .....	41
4.2.4 <i>Overall Equipment Effectiveness (OEE)</i> .....	43
4.2.5 Perhitungan <i>Losses</i> .....	46
4.2.5.1 <i>Equipment Failure Losses</i> .....	46
4.2.5.2 <i>Setup And Adjusment Losses</i> .....	47
4.2.5.3 <i>Idling And Minor Stoppages Losses</i> .....	48
4.2.5.4 <i>Reduced Speed Losses</i> .....	50
4.2.5.5 <i>Defect Losses</i> .....	51
4.2.5.5 <i>Yield Losses</i> .....	52
4.2.6 Pengaruh <i>Losses</i> .....	53

4.2.7 Diagram Histogram .....	55
4.2.8 Diagram Pareto .....	56
<b>BAB V KESIMPULAN DAN SARAN .....</b>	<b>58</b>
5.1 Kesimpulan .....	58
5.2 Saran .....	59
<b>DAFTAR PUSTAKA .....</b>	<b>60</b>
<b>LAMPIRAN .....</b>	<b>61</b>

