

DAFTAR ISI

| | |
|--|-------------|
| LEMBAR PERNYATAAN..... | i |
| LEMBAR PENGESAHAN..... | ii |
| LEMBAR KETERANGAN PERUSAHAAN..... | iii |
| KATA PENGANTAR..... | iv |
| DAFTAR ISI..... | vi |
| DAFTAR GAMBAR..... | viii |
| DAFTAR TABEL..... | ix |
| BAB I PENDAHULUAN..... | 1 |
| 1.1 Latar Belakang..... | 1 |
| 1.2 Identifikasi Masalah..... | 2 |
| 1.3 Batasan Masalah..... | 2 |
| 1.4 Tujuan Kerja Praktik..... | 2 |
| 1.5 Waktu dan Tempat Pelaksanaan Kerja Praktik..... | 3 |
| 1.6 Metodologi Pelaksanaan Kerja Praktik..... | 3 |
| 1.7 Sistematika Penulisan Laporan Kerja Praktik..... | 4 |
| BAB II PROFIL PERUSAHAAN..... | 6 |
| 2.1 Sejarah Perusahaan..... | 6 |
| 2.2 Visi dan Misi Perusahaan..... | 7 |
| 2.3 Lokasi Perusahaan..... | 8 |
| 2.4 Tata Letak Perusahaan..... | 8 |
| 2.5 Struktur Organisasi PT. Intera Lestari Polimer..... | 11 |
| BAB III LANDASAN TEORI..... | 14 |
| 3.1 Sistem Pneumatic..... | 14 |
| 3.2 Kompressor..... | 16 |
| 3.3 Pressure Tank..... | 17 |
| 3.4 Filter Regulator..... | 18 |
| 3.5 Proximity Sensor..... | 19 |
| 3.6 Limit Switch..... | 20 |
| 3.7 Push Button..... | 21 |

| | | |
|---|--|-----------|
| 3.8 | Solenoid Valve..... | 21 |
| 3.9 | Pneumatic Tube..... | 22 |
| 3.10 | Air Cylinder..... | 23 |
| 3.11 | Motor Servo..... | 24 |
| 3.12 | Vaccum Generator..... | 24 |
| 3.13 | Port Dummy..... | 25 |
| BAB IV HASIL DAN PEMBAHASAN..... | | 26 |
| 4.1 | Utility Sistem Pneumatic Robot Labeling..... | 26 |
| 4.1.1 | Kompresor CSD 125..... | 26 |
| 4.1.2 | Pressure Penta Tank..... | 27 |
| 4.2 | Fasility Sistem Pneumatic Robot Labeling..... | 27 |
| 4.2.1 | Z-Axis..... | 27 |
| 4.2.2 | X-Axis..... | 28 |
| 4.2.3 | Y-Axis..... | 29 |
| 4.3 | Screen Operation..... | 29 |
| 4.4 | Cara Kerja Robot Labeling..... | 30 |
| 4.5 | Maintenance Parts..... | 31 |
| 4.5.1 | Data Checklist Utility Sistem Kompresor..... | 32 |
| 4.5.2 | Data Checkliist Fasility Sistem Kompresor..... | 34 |
| 4.6 | Trouble Shooting..... | 36 |
| 4.6.1 | Solenoid Valve..... | 36 |
| 4.6.2 | Proximity Sensor..... | 37 |
| 4.6.3 | Pneumatic Tube..... | 38 |
| BAB V PENUTUP..... | | 39 |
| 5.1 | Kesimpulan..... | 39 |
| 5.2 | Saran..... | 40 |
| DAFTAR PUSTAKA..... | | 41 |
| LAMIPRAN..... | | 42 |