



SELVADURAI. R

Junior Engineer

EDUCATION

2016 Diploma
Directorate of Technical Education,
Chennai

WORK EXPERIENCE

Nov 2023 - Present Junior Engineer
TeamLease (netafim irrigation India Pvt Ltd)
Electrical & Utility Maintenance (Preventive & Corrective)
Control Panel Wiring & Troubleshooting VFD, Star-Delta, DOL Starters Industrial Safety (LOTO, Earthing, IR Testing)
Preparing and analyzing maintenance KPIs: OEE, MTTR, MTBF, Energy Consumption Monitored electrical loads, balanced supply systems, and ensured preventive maintenance of critical equipment like transformers, HT/LT panels, and UPS systems. Hands-on experience in PLC wiring, I/O testing, and basic ladder logic understanding (Siemens, Allen Bradley, or Delta). Led shutdown maintenance projects and coordinated manpower, materials, and safety compliance. Implemented energy-saving methods and improved machine uptime through condition monitoring. Prepared electrical drawings, cable schedules, and maintenance checklists. supervised shift operations, ensuring adherence to ISO/safety standards. Managed checklists and reports like History Card, Break Down Analysis, ISO documents (9001/14001), Gate Pass, Shift Log Book
Preparing and analyzing maintenance KPIs: OEE, MTTR, MTBF, Energy Consumption

May 2021 - May 2023 Maintenance Technician
Sri Lakshmi Enterprises (polyhose India Pvt Ltd)
Supervised and led a team of junior technicians in daily electrical maintenance tasks. Performed preventive, corrective, and breakdown maintenance of motors, transformers, panels, and lighting systems. Conducted root cause analysis for electrical failures and implemented corrective actions to reduce downtime. Interpreted single-line diagrams (SLD), control wiring diagrams, and PLC I/O wiring. Handled troubleshooting of control panels, contactors, relays, timers, and overload protection devices. Coordinated with other departments (Mechanical, Production, Safety) for smooth plant operation. Maintained documentation, maintenance records, and ensured timely reporting.

Jun 2019 - Jun Multi Skill Technician

PERSONAL INFORMATION

Email
selvadurai.r2025@gmail.com

Mobile
(+91) 8122632263

Total work experience
5 Years 0 Month

KEY SKILLS

Extruder

Switchgear

Induction Motors

Transformers

Electricals

Panel Designing

PLC

Panel Wiring

Electrical Maintenance

Predictive Maintenance

Corrective Maintenance

MTBF

MTTR

Breakdown Maintenance

Preventive Maintenance

Utility Maintenance

OTHER PERSONAL DETAILS

City	Chennai
Country	INDIA
LANGUAGES	
- Tamil - English	

2021

Yuvashakti Foundation (perfetty van melle India private limited)

Performed routine maintenance, troubleshooting, and repair of electrical systems and components. Involved in wiring, cable laying, and installation of panels and control systems. Assisted in installation and testing of motors, relays, switches, and circuit breakers. Used testing instruments like multimeter, megger, and clamp meter for diagnostics. Maintained electrical safety standards and followed shutdown/startup procedures. Monitoring heater and oven systems, temperature controllers, and timer operations. Supported senior engineers during breakdown analysis and preventive maintenance. Maintained logbooks and submitted daily work reports to supervisors.

Jul 2016 - Jul 2017

Technical Apprentice Trainee
Lucas TVS

technical apprentice, 5s , 3C, 3R, poke yoke, pneumatic, electrical basic , Cost saving, time management, safety, preventive maintenance, daily, weekly, monthly, yearly check machine cleaning & greasing ,cost savings project, power saving, advance technology