

PALRAJ.S

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I want to achieve a remarkable position in my career and recognized as an expert resolving every task assigned. To excel in Electrical and construction industry, to work hard for the development of the organization for which I am a part.

Apr-2014 to Jan-2020 -Working as Electrical Engineer in Plant & Machinery department, **Larsen & Toubro Constructions Limited**

Jan2020 to Aug2024 -Working as P&F Maintenance Engineer Asphalt & RMC In **Al Tasnim Cement product LLC, Oman.**

Profile Summary

- Actively involved in Plant **erection, wiring, commissioning and conducting tests & inspections** to ensure operational effectiveness of utilities
 - Talent for **proactively identifying & resolving problems**, ramping up plant activities with on time deliverable and maximizing productivity
 - Deft in planning & implementing **preventive, predictive & breakdown maintenance schedules** for improving overall reliability and safety of plant equipment's
 - Exhibits a **strong & firm approach for sustaining / encouraging** safe work environments and ability to streamline operations
 - Expertise in **coordinating material/spare parts planning** related activities encompassing identification of vendors, indenting, keeping inventory of spare parts, requirement specification and offer evaluation
 - Preparation of Daily and Major Maintenance record, Fuel Consumption Record and DG Energy monitor Record
 - Proactively **identifying areas of obstruction / breakdowns** and taking steps to rectify equipment through application of troubleshooting tools
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Project Experience

Jan'2020-Aug2024: **Altasnim LLC, Oman, P&F Maintenance Engineer Asphalt & RMC Plant**

Title: Altasnim Cement product division.

June'16-Jan2020: **Larsen & Toubro Ltd, Electrical Engineer (P&M)**

Title: NH-13 Hospet - Chitradurga Road Project at Hospet.

July'15-June'2016: **Larsen & Toubro Ltd, Electrical Engineer (P&M)**

Title: NH-9 Solapur to Sangareddy Road Project.

Aug'14-July'2015: **Larsen & Toubro Ltd, Diploma Engineer Trainee (P&M)**

Title: Kannur International Airport Project.

Accomplishments:

At Hospet - Chitradurga Road Project:

- Spearheaded erection, commissioning, operations, maintenance and troubleshooting of 200 TPH Asphalt Plants (MARINI MAP-200), 160 TPH Asphalt Plant (AMMANN APOLLO ANP-2000), 250 TPH Wet Mix Plants (AMMANN APOLLO WM-250), 30 CUM Concrete Batching Plant (Schwing Stetter), 100MT Weigh bridges (ESSEA & JYOTHI), Air Compressor (ELGI & Ingersoll Rand).
- Upto-750 KVA Generators Operation and Electrical Maintenance.
- Operation and Maintenance of Thermic Oil Boiler for Bitumen Heating
- Operation and Maintenance Of Bar Bending and Bar Cutting Machine, which is specially used for making the raw materials for the construction of Buildings, highways & runways.
- Plant and site Electrical Spare parts planning and procurement
- Camp and site Electrification work

At Solapur to Sangareddy Road Project:

- Spearheaded operations & Electrical maintenance of 120 TPH and 135 TPH Asphalt Plants (MARINI), 200 TPH Wet Mix Plant, 30 CUM Concrete Batching Plant (Stetter & Greeves), Gantry crane 40T, Weigh Bridge
- Upto-750 KVA Generators Operation and Electrical Maintenance.
- Plant and Electrical Spare parts planning and procurement

At Kannur International Airport Project:

- Electrical Engineer in 110 & 30 CUM Schwing Stetter Batching Plants, Chilling Plants, 250TPH WMM Plant
- Operation and Maintenance of various capacities of Generators up to 750 KVA.
- Area Lighting for Earth work, WMM, DLC and PQC Laying
- Plant and Electrical Spare parts planning and procurement

At Al Tasnim Cement product LLC. Muscat, Oman.

- Operations, maintenance and troubleshooting of RMC, Asphalt & Ice Plant
- ELBA-Werk Concrete Batching Plant EBCB130 & EBCD105 (3Cum & 2Cum Plant)
- KTI Make Ice Plant CIWP176-FLIP.7-51-ct-MIS4-75-50HZ
- Marini Asphalt Plant UltiMAP 2700 & RS1500.
- 100MT Weigh bridges & Air Compressor (ELGI &Atlas Copco & Airhorse).

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- Ensured:
 - Keeping of all emergency stocks at plant locations
 - Quality of repair & maintenance as per manufacturing standards
 - Updated & maintained:
 - Documents related to Plant, DG and Site Electrical work
 - Scheduled records of production & maintenance
 - Successfully reduced:
 - Breakdowns after conducting breakdown analysis
 - Conducting the safety classes(Tool box talks)
 - Liaised with Safety Advisor for resolving EHS issues
 - Played a key role in reduction in breakdowns / downtime through effective maintenance
 - Spearheaded plant expansion / modification / up gradation projects like CRMB Tank, Bitumen unloading system
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TECHNICAL SKILLS:

- Acquired knowledge in PLC drawing, wiring, electrical power & control diagrams.
 - Experienced in PLC & Relay logic based control panels.
 - Familiar with pressure & temperature gauges, RTD, solenoid valves, types of sensors, and other electrical equipment's.
 - Acquired knowledge in PLC Programming (Ladder diagram) and simulation.
 - Knowledge on Siemens PLC's.
 - Familiar with Variable Frequency Drives (VFD) and motor starters.
 - Experience in troubleshooting & maintenance for all electrical components used in Industries/plants.
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PROFESSIONAL TRAINING:

- Attended "Best maintenance practices in LV switchgear (LT02) from L&T ECC training program
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IT Skills:

- MS-Office
 - AutoCAD
 - SAP
 - Command Alkon (Batching Software)
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Education:

2011-2014 Diploma in Electrical & Electronics Engineering – Marks: 86.04%
Govt. Polytechnic College. Tiruchirappalli

2010-2011 SSLC, Tamilnadu State, India – Marks: 90.2%
GOVT HSS PERUVALAPPUR, Tiruchirappalli

Personal Details:

Date of Birth: 13-04-1995
Languages Known: Tamil, Hindi and English
Passport No.: S7505815 (Exp Date: 11-09-2028)
Permanent Address: S.Palraj,
1/4 North Street, Kannakudi (Village & PO),
Lalgudi (Taluk), Tiruchirappalli (Dist.),
Tamilnadu – 621 711.