

BALAJI.D

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T.puthupalayam
Cuddalore -607401.

Career Objective:

To be associated with a firm, this provides carrier development opportunities and takes my contribution in its progress through my knowledge and skills.

Education Qualification:

Diploma EEE in Sri Mahalakshimi Polytechnic College From **2013** To **2016** with aggregate of 80%

SSLC in Sri Valliammal Matric Hr Sec School at 2012 with aggregate of 76%

Experience: (5.9 years) 4 of experience in maintenance field and Document controller & 1 year experience in house wiring

PROJECT : ONE ZAABEEL (DUBAI).

Designation : Document Controller & Technician

Team : Electrical Engineering.

Duration : April 15-2021 To December 30-2021.

SITE : Chennai Metro Rail Ltd (CMRL) Payroll : Spectrum Talent Management Pvt Ltd.

Designation: Technician.

Team: Depot Machine.

Duration: July 01-2019 To October 01- 2020.

SITE: Chennai Metro Rail Ltd (CMRL) Payroll : Updater Service Pvt Ltd.,(UDS).

Designation: Technician.

Team: Depot Machine.

Duration: March 20-2017 To June 30-2019.

HOUSE WIRING : Wiring experience in house wiring for 1 year.

Roles and Responsibilities:

Have active participation and hands on working knowledge in the following activities in depot.

Maintenance For **Major** and **Minor** Machines

- Performing end to end maintenance activities on Daily, Weekly, Monthly and Yearly basis.

- Attending faults in single phase and three phase machines.
- Attending Electrical/Mechanical faults in all types of machines used for DMC and TC Metro Trains.
- Evaluating of technical issues and rectifying it.

MAJOR MACHINES:

Operating of Diesel locomotive and special heavy vehicle.

- Operating and Maintenance of Diesel shunting loco 755 BHP Engine, alternator 480 VAC traction motor pneumatic system, air compressor and controlling chopper unit, Batteries 74VDC, 24VDC, EB relay system, braking system.

Operating and maintenance of rail cum road vehicle – RESCUE team

- Operating and maintenance of RRV all re-railing equipment and **mock up conducted every month and maintenance** also conducted every month. re-railing equipment like hydraulic power pack jack operation lifting equipment operation Knowledge of rescue trolley operation
- **Under floor wheel lathe**: operating and maintenance 100kva, electrical capacity Operating and maintenance of Under floor wheel lathe. Train set wheel turning and maintain all motors, hydraulic system and pneumatic system and conveyors
- **Battery shunter**: operating and maintenance of battery shunter, battery maintenance 660Ah, converters, hydraulic unit, braking system control circuit. Train Wash Plant
- Operating and maintenance of Train Washing Plant 38 Kw plant maintain all motors Pneumatic system and air compressor, PLC based control panel, RO plant, photo sensor operation.

Bogie wash plant

- Operating and maintenance of Bogie Washing Plant plant maintain all motors, heaters, pneumatic system and air compressor, PLC based control panel, RO plant, solid state contactor, VFD drive

MINOR MACHINES:

- Operating and maintenance of 156 KW stationary air compressor and air dryer and portable compressor
- Lifting jack 15 And 25 ton operating and maintenance using for train set car lifting purpose and bogie retrofit work.
- Operating and maintenance Bogie test unit, (EOT) Electric over head cranes 25 And 30 ton.
- Operating and maintenance of forklift (3 ton)

- Scissor lift Operating and maintenance of mobile elevator, 20ft,15ft and 10ft and platform trucks are fully battery operated.
- Medium Voltage switches Boards, Relays, VCB, ACB, MCCB Operation and Maintenance.
- UPS, Invertor and Lead Acid Batteries maintenance.
- Operating and maintenance of reflecting sensor, photo sensor, solenoid pressure switches, pressure switch, Pneumatic pressure switch and limit switches including fault identification and troubleshooting.
- Maintenance and fault rectify in water tank level sensor.

Operating and maintenance of roller Bearing and axle box washing plant

- ☐ Ensuring power to all Equipment's and areas of occupants.
- ☐ Maintaining all electrical parameters of the power source.
- ☐ Scheduled monthly preventive of Electrical panels and lighting, power, ups DB's
- ☐ Break down maintenance of all asset equipment's.
- ☐ Daily activities Shift wise reporting to junior engineer.
- ☐ Operation and maintenance of 1500 KVA Diesel generators.
- ☐ Operation and routine maintenance of HT/LT panels, VCB 1250A and LT panels with ACB up to 4000 A.
- ☐ Maintenance of Electrical interlock system.
- ☐ Using of multi meter, clamp meter, and megger.
- ☐ Operation and maintenance of induction motors with star delta starter
- ☐ Maintenance of all kinds of Over current relay, Earth fault relay, under voltage relay, phase failure relay.
- ☐ Maintenance of Air handling units

Technical skills:

- Knowledge in PLC and control panel
- Operating Forklift.
- Operating the EOT cranes.
- House wiring and its fault rectify
- Light vehicle Driving
- Arc Welding

Academic Project:

“DETECTING SPEED LIMIT VIOLATION ON
HIGHWAYS”

DOMAIN: Power Electronics.

DESCRIPTION: Detecting the over speed or speed violation in particular place on highways and alert the traffic police by sending alarm and capture the vehicle number plate details.

Personal skills and strengths:

- Easily adaptable to a new environments and capable of prioritizing the work as per the need and time.
- Independent maker to work solely as well as a member of a team.
- Good understanding of people expectations, tolerant with flexibility and excellent analytical and logical skills
- Approach to the problem, self-motivated, adaptive, nature and quick learner.

Personal Profile:

Name	:	Balaji.D
Fathers name	:	Desingu. K
Date of birth	:	30/10/1994
Passport number	:	P5838963
Gender	:	Male
Nationality	:	Indian
Religion	:	Hindu
Marital status	:	Unmarried
Languages known	:	Tamil , English & Hindi

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.

Thank you

Place:

Yours faithfully,

Date:
D)

(Balaji