

Dave Jalaj Dineshbhai

Electrical Engineer

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EDUCATION

Bachelor of Engineering - Electrical

Ahmedabad Institute of Technology, Ahmedabad

Apr 2011 – Feb 2016, Gujarat Technological University, Ahmedabad, Gujarat

Diploma Engineering - Electronics & Communication

K.P. Thakker & Swa. Krishna Jivandas Inst. Of Technology, Viramgam

Apr 2008 – Apr 2011, Gujarat Technological University, Ahmedabad, Gujarat

WORK EXPERIENCE

Sr. Engineer

S.P. Instrument & Services

Jan 2017 – Present, Ahmedabad

Maintenance of HT / LT Panel & Transformer
Troubleshooting of Breakdown equipment as per Manual and Check list prepared with the help of supplier.
Basic knowledge of fault finding in Cooling tower, AC / DC motor, variable frequency drive(VFD), Variable Load Controller(VLD), Electrical Panel, Control Panel, Circuit Breaker, Fuse Check, Transistor Check, Relay, Switches, Diode/LED Check, Terminal Blocks.
All Starter maintenance and fault finding.
Pressure, Temperature & Level indicator Maintenance/Calibration.
Good Knowledge PLC, Auto Cad, & E-Plane software for designing. Completed work in compliance with applicable safety and electrical code requirements.
Conducted diverse testing procedures across a range of structures and materials for continued quality assurance.
Maintained comprehensive understanding of national and international testing regulations for guaranteed company compliance
Implemented advanced diagnostic tools to resolve customer complaints.
Applied principles of electrical theory to advance and improve product development and efficiency.
Responded to requests for information for general and specific power line design requirements.
Provided hands-on technical support, advice and mentoring to all levels of personnel.
Monitored customer feedback and reviews to determine product improvements and defects.
Closely observed operations to ensure workflows and processes complied with safety regulations.
Improved operational efficiency by closely monitoring production processes and identifying & eliminating inefficient processes.

ABOUT ME

Primarily focused on implementation of Electrical Engineering. Excellent interpersonal and communication abilities, and possess a wide range of technical skills. Enjoys being part of a team, as well as managing, motivating and training a productive team, and thrives in high pressure and challenging working environments.

SKILLS

Communication

AutoCAD

PLC Programming

Microcontrollers

Microprocessors

NABL Reporting

Testing

Calibration

Maintenance

PROJECTS

Diploma Engineering Project - Electronic Voting Machine

An EVM is designed with two units: the control unit and the balloting unit. These units are joined together by a cable using 8051 processor.

Degree Engineering Project - Measure & control differential load Temperature using 8051 Microcontroller

The objective of the present paper is designing 8051 microcontroller based temperature control system to study the reaction of controlled variable with respect to load changes.

Trainee Electrical Engineer

MP Electrical Engineering

Jan 2016 - Dec 2016, Ahmedabad

Reviewed design drawings, specifications and customer requirements for newly engineered components and processes.

Effectively managed resources, created project schedules and maintained department budgets.

Provided hands-on technical support, advice and mentoring to all levels of personnel.

Collaborated with mechanical engineers to resolve product development and maintenance issues.

Completed transformer load checks for consumer load form approval.

Led cross-functional team to share technology across departments to improve operational efficiency.

Assisted external customers, including consumers, contractors and electricians, in understanding standard policies and guidelines.

CERTIFICATION

Attend two-week training on “Engineer’s role in engineering industries”

Electrotherm India Ltd

Following courses completed from one of the leading institute.

Tata power skill development institute

TVAS Solar power fundamental certificate

TVAS-Solar PV Off Grid, On Grid and Hybrid Systems

TVAS Solar PV Design and Installation.

TVAS Solar PV Operation, Maintenance and Commissioning

TVAS Industrial Safety for Engineers & Professionals

Certification organization

LANGUAGES

English

Hindi

Gujarati

ACHIEVEMENTS

Participated in State level Roller Scatting Competition.

Successfully completed National Cadet corps (N.C.C.) “B” Certificate.

HOBBIES

Sketing

Tracking

Swimming