

KIRAN KADEWADI

Electrical Designer Profile with Total 8 year 4 months of Experience in Designing of Underground Duct bank, Cable tray for Power Plants. And worked in designing of PCC, MCC & Vibration Monitoring Panel.

CONTACT



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[LinkedIn Profile](#)

PERSONAL PROFILE

Electrical Designer profile with 7.5 years of experience in designing Cable Tray, Underground Duct Bank, Grounding. And worked in manufacturing and testing of electrical control panels like MCC, PCC, GE's Bentley Nevada, Mark Vie.

Proficient at executing good safety and health improvement practices for optimum utilization of resources and providing them with a safe working environment. Excellent interpersonal & negotiation skills with strong problem solving & organizational abilities.

LANGUAGE



SKILLS

- Bently Microstation V8i / Connect Edition
- Bentley Raceway and Management System
- Autocad
- Autodesk Navisworks
- Advanced Excel skill
- VBA programing language skill and capable of creating application which can ease the day to day tasks
- MS Office
- Excellent Typing Speed

HOBBIES

- Bike Riding
- Travelling
- Listening Music
- Playing Football
- Swimming
- Watching Films

EDUCATION

2010-11 SSLC

Karnataka Secondary Education Board.

78%

2011-14 Diploma in Electrical & Electronics Engineering

Board Of Technical Education Karnataka.

89%

WORK EXPERIENCE



BLACK & VEATCH Pune.

ELECTRICAL DESIGNER - (May 2017 to Till Date)

TOPICAL RESPONSIBILITIES

Underground Duct Bank Design:

- Analysing the load list and preparing the dedication sheets for duct bank.
- Modelling of Duct bank and performing clash detection.
- Co-ordinating with other disciplines to resolve clashes.
- Analysing the modelled duct bank data and removing inconsistencies if any.
- Providing modelled data to the engineers for the heat tracing calculation.

Cable Tray Design:

- Analysing the load list and preparing the cable tray sizing calculations spreadsheet.
- Modelling of Cable Tray and performing clash detection.
- Co-ordinating with other disciplines to resolve clashes.
- Analysing the modelled cable tray data and removing inconsistencies if any.

Grounding Design:

- Preparing the main grounding grid based on plant area.
- Adding grounding connections to the respective plant steel, equipments, streetlights, fence etc. this includes studying vendor drawings and locating the grounding lug/plate.
- Preparation of bill of quantities for various grounding connections.

EXECUTED PROJECTS

- RELIANCE J3
- OMAN
- DRESSER & GABHA
- ATLAS COPCO
- ONGC BHS
- NCC
- CAIRN ENERGY
- ISGEC BHATINDA
- SULZER
- CPCL MANALI
- L&T
- IOCL MATHURA
- BPCL KOCHI
- CORBIN
- I-PAVA
- GALENA
- ROODHOUSE WEST
- MISSOURI
- EAST QUENCY
- HORNSBY
- LONTAR
- LANCING BOARD
- RIDGE
- MACKNIAW
- ENTERGY
- GEAR'S LOCK
- SWLA REMOTE SITES
- LANSING
- CASCADE
- POWER SOUTH LAWMAN
- DANIA BEACH
- VAN PHONG
- ESB DUBLIN

EHS CONTRIBUTION

- Worked as team member of "Emergency Response Team".
- Authorised LOTO Person.
- Authorised Crane Operator & Crane Safety Trainer.
- Got "EHS STAR" Award for Q2 2015

TRAININGS

ATTENDED

- SECURITY AND CRISES MANAGEMENT.
- SAFETY RISK ASSESMENT.
- PREVENTION OF VIOLENCE IN WORKPLACE.



EXCELLENT ENGINEERING & CONTROLS Pune.

ELECTRICAL DESIGN ENGINEER- (June 2016 to April 2017)

TOPICAL RESPONSIBILITIES

- Understanding the enquiry of customer.
- Preparing quotation as per enquiry.
- Co-ordinating with client for clarifications if any.
- Able to perform Busbar calculation, Panel Sizing by considering cost factors.
- Suggesting standard catalogue with quotation.
- Co-ordinating with the client and preparing the drawings. (Drawings include GA, General Board Details , SLD, Incomer scheme, Outgoing scheme, Control Diagrams, Feeder list ,etc.)
- Preparing Control diagram as per client requirement. (If they need I/O's to DCS)
- incorporating the changes made by the client in drawing & Getting code-1 approval from the client.
- Ensuring all the materials should be on the floor in order to start the production.
- Releasing the drawings to the production team & coordinating with them if they need any clarification.
- Performing Pre-Inspection & Generating Pre-Inspection report.
- Performing FAT Infront of the customer.
- Preparing as built drawings if there are corrections or addition or deletion of materials in built panel.
- Designed Panels: LT MCC, PCC, Distribution Board



GENERAL ELECTRIC Pune.

TESTING ENGINEER (Technical Trainee) - (May 2014 to May 2016)

TOPICAL RESPONSIBILITIES

- Checking Genral Arrangement Drawings & Signal Drawings.
- Checking All BOM Materials & Loop Checking.
- Performing tests as follows:
 - Electrical Tests: High pot test, Input Supply test, Earth/grounding test, insulation resistance test Checking Separate distribution of AC & DC circuits as well as IS and non-IS circuits, I/O loop test by checking continuity, wire pull up test, functional test of utilities inside cabinet.
 - Mechanical Tests: checking all components of panel are properly fastened or not, checking General arrangement as per drawings.
 - Simulation Test: Simulating signals like Radial vibration, Thrust position, rod position, Key phasor, Cylinder pressure, acceleration, Velocity, Temperature, differential expansion etc.
 - Alarm Tests: for Thermostat, power relays, fan failure relay, Air flow sensor, Rack ok relay DCS alarms as per customer requirement.
 - Other tests: IP rating test and paint thickness test.
- Configuring points for Radial vibration, axial vibration & differential expansion, Rod positioning 3500 rack configuration software. And its mapping in System1 software.
- Helped engineering team for configuring GEIP display in a biggest BOP online project.
- Configuring RAID1 and RAID5 in servers like DELL R520 and HP ProLiant 150 Gen9.
- Installing SQL 2014 software as per the requirements of system1 software.
- Installation and Activation of Symantec End Protection software.
- Installing and activation **System1 software**.
- Configuring **STAHL** display as per the RDCE sheet.
- Configuring **DSM (Dynamic Scanning Module)** through system1 software

REWARDS & RECOGNITIONS

- Got an award on “**customer determine our success**” for simulation of 5 racks (fully loaded) in single day (GE).
- Got an award on “**Learn and Adapt to win**” for successful execution of SEZ gasification project (GE).
- Got an award on “**Expertise**” for exceeding the customer expectations during “PX4” built in short duration of 20 days (GE).
- Got an award on “customer **determine our success**” successful execution of “NCC project”(GE).
- Winner of “**Idea Factory**” For Q4 2015, for Making the kaizen called “**Function Distributor**”. (GE)
- “**Employee of the Quarter**” (EEC).
- Got a “**Spot Award**” For contribution towards Entergy project in terms of Quality & Efficiency (B & V).
- Got a “**Spot Award**” For completing all 2D deliverable of “Lancing board” project in less than given hours of time (B & V).

SNAP SHOT

- Sincere and diligent individual accented with the latest trends and techniques of the field, having an inborn quantitative aptitude & determined to carve a successful and satisfying career in the industry.
- Conceptually strong with an innovative and analytical approach to the work with an eye for detail.
- Well developed communication skills with reputation of unwavering accuracy, credibility & integrity, exceptional presentation skills with the ability to perform above expectations.
- Highly motivated, Far-sighted, positive and goal-oriented, with analytical approach, conceptualization as well as the ability to build and lead effective teams.
- An effective team player with exceptional planning and execution of skills coupled with a systematic approach and quick adaptability

Declaration:

Hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Date: 28-SEP-2022

Place : PUNE

KIRAN KADEWADI