

RESUME

VIJAY.D

B.E. MECHANICAL ENGINEER

PERSONAL PROFILE:



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Permanent Address:

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Personal Data:

Date of Birth : 14-10-1992
Father's Name : Dhanapalan
Gender : Male
Nationality : Indian
Marital status : Single
Passport no : J8605402

Languages Known:

- ❖ English
- ❖ Hindi
- ❖ Malayalam
- ❖ Tamil

CAREER OBJECTIVE

To secure a challenging position in an esteemed organization, where my capabilities can be utilized for the growth of the organization and ample scope obtained for my career growth and to keep no stone unturned on my part.

WORK EXPERIENCE

Experience has been gained from Powerplants & Substation (132/11 KV) and Oil & Gas Industrial Project.

- ❖ Works Involved in Fire protection system (Fire alarm& firefighting) includes Fire pump room, Fire water tank, Yard hydrant, Wet & Dry riser system, Sprinkler system, Fire extinguishers, Nitrogen system (Gas suppression), HSSD system, etc.,
- ❖ Testing & commissioning works involved in 132/11 kV substations & Refineries such as Outdoor Hydrants - Hydrostatic pressure test, Fire pump room - Pump alignment test, Pump performance test, Controller test, Sprinkler test, etc., Nitrogen system - Pressure test, Puff test, Room integrity test, Discharge test and Quality inspection of welded joints - Radiography test and painting - Pull off test, peel off test & Dry film thickness test, etc.
- Approved **FPS ENGINEER** from **DEWA** (Dubai Electricity and Water Authority)

PROJECT ENGINEER (MEP)

Current Employer- M/s. ZENER FIRE & SECURITY, Dubai
Period - January 2017 – February 2020

Projects: HASSYAN CLEAN COAL POWERPLANT (4X600 MW) & Substations - (132/11 KV) - Design, Supply, Installation, Testing & Commissioning - 6 Nos in Dubai (Mobility -Expo 2020, Jumeira Hills, Saada street – World trade centre, Nakhalroad – Deira, Madinat seha – Healthcare city, Barsha Housing - Al bharsha, Dubai)

Main contractor:- CHINA HARBOUR ENGINEERING CONSTRUCTION & SIEMENS

Client :- HARBIN ELECTRIC CORPORATION & DEWA

Fire protection system - Sprinkler system (Wet, Dry & pre-action type), Deluge spray system, Hose reel system, FM 00 system, Water mist system, Fire alarm & detection system (addressable & conventional), Fire hydrant system, Fire pump house and Fire water tanks.

Personal Strengths:

- ❖ Good Understanding Ability.
- ❖ Effective Supervision & Co-ordination
- ❖ Good Communication skill.
- ❖ Ability to inspire team with dynamic leadership.
- ❖ Confident and hardworking with a positive attitude.
- ❖ Ability to handle multiple tasks.

Skills:

- ❖ Office Automation: MS-Office 2010(MS-Word, MS-Excel, MS PowerPoint).
- ❖ AutoCAD, Solidworks & PRO-E Software.

Projects: Installation of pipe line platform and utility shaft miscellaneous metal works in Palm Deira Access Bridge. Dubai.

Main contractor: BESIX

CLIENT :- RTA

Works involved such as

- Installation of platform on both sides of access bridge to carry the irrigation and water pipelines.
- Installation of access platform in cable shafts & miscellaneous metal works

JOB RESPONSIBILITIES

As a Project Engineer

- ❖ Communication and Interface with Main Contractors, Consultant and Clients.
- ❖ Preparing the Method Statement and ITP as required from Project Specifications
- ❖ Coordinating the projects by carrying out the activities such as Design management, Procurement management & Site management
- ❖ Monitoring the activity at sites, reviewing project schedule, Weekly and Monthly progress report (MPR), Billing breakup schedule (BBS) and Monthly invoice ensuring cost control within budget, planning for cash flow requirements, etc.
- ❖ Liaising with clients and their representatives such as engineers, including attending regular meetings to keep them informed of progress
- ❖ Assigned the task of preparing BOM, submission of drawings & material data sheet to the client.
- ❖ Responsible for raising inspections & coordinating inspections with client (DEWA) for material & site installation works.
- ❖ Responsible for carrying out the welding inspection (Visual inspection & Radiography) and painting inspection (Dry film thickness and Peel off Test) with client-DEWA.
- ❖ Witness all tests, successful hand-over procedures of the projects to the client.
- ❖ Responsible for briefing the work status on daily basis and notifying of variations done to the Project Head.

MECHANICAL ENGINEER

Employer : AHMED OMER GROUP, Manama, BAHRAIN

Project : 132/11 kV SPRING HILL-3 SUB-STATION, Manama,

Period : December 2015 to December 2016

Work Involved in Fire Protection systems- On site experience including installation of Fire Fighting Sprinkler, Wet riser system, HSSD piping, Outdoor Hydrants, Fire Pump room, Fire water Tank, Fire alarm cabling & device installation and Fire suppression systems such as Nitrogen (N2) System as per NFPA standards.

PROJECT DETAILS:

“OPTIMIZING THE FACE MILLING OPERATION ON INCONEL 718 USING TUNGSTEN CARBIDE TOOL”

PERSONAL INTERESTS:

- ❖ Travel
- ❖ Play Cricket
- ❖ Listen to Music

JOB RESPONSIBILITIES

- ❖ Rectifying on-site issues and providing feasible solutions.
- ❖ Spearheading activities involving working out various site requirements including materials, manpower, etc & monitoring overall project operations for ensuring timely completion.
- ❖ Manipulating the BOM as per approved drawings and making LPR to the purchase team as per requisition of site team and coordinating with store department until the material reaches the site.
Submission of drawings to the client and attending technical design related meetings with our design team
- ❖ Responsible for the preparation of material lists in site.
- ❖ Responsible for the preparation of as-built with regard to site changes.
- ❖ Preparation & Implementation of different types of work permit systems for the mechanical activities, attend the Safety training classes, conduct tool box training, identify and control the hazards, site visit with client, etc.,
- ❖ To supervise the execution of day to day preventive, corrective and routine maintenance works.
- ❖ To report the daily, weekly and monthly work progress to the senior engineer.

SITE ENGINEER

Employer : AEMS Engineering (p) Ltd, Chennai.

Project : ANNUAL PLANT MAINTENANCE WORKS in Chennai Petroleum Corporation Limited (CPCL), Chennai, India.

Period : June 2014 to October 2015

JOB RESPONSIBILITIES

Site Engineer responsible for the following:

- Managing and Supervising installation of Fire Protection systems such as sprinklers, landing valves, single & double headed hydrant system, fire water pump house and foam system in oil storage tanks.
- Also having experience in the erection of various pipelines such as CS, GRP, HDPE & SS lines at REFINERY-1, ETP-I & II and TTP areas

Utility pipe structural platform works:- (water supply 600 mm dia & irrigation 300 mm dia) ,Anchor bolt fixing , including support bracket & stiffener connection, Chequered plate fixing , Cat ladder and hand rail fixing. And also conducted pull out test for bolt strength & Torque value for bolt tightening)

EDUCATION

- ❖ B.E. Mechanical Engineering from A.V.C. COLLEGE OF ENGINEERING, under Anna University, Tamilnadu, India with **85.4%** (2010-2014).
- ❖ Higher Secondary Course Certificate (Plus Two) from D.B.T.R. NATIONAL HIGHER SECONDARY SCHOOL, Mayiladuthurai, Tamilnadu, India with **87.8%** (2010).
- ❖ Secondary school leaving certificate (Class X) from CRESCENT HIGH SCHOOL, Ambagarathur, Pondicherry , India with **93.2%** (2008).

CERTIFICATION

- ❖ Approved FPS ENGINEER of DEWA
- ❖ Knowledge of Non- Destructive Testing (NDT) & Paint Coating
- ❖ NEBOSH IGC LEVEL II
- ❖ Member of SAE (Society of Automotive Engineers) & IPE (Indian Institute of Production Engineers).

ACHIEVEMENTS

- ❖ Received GOLD MEDAL from Anna University for securing 25th rank in the year 2014.
- ❖ Got First Place in 10th Public Exam at School level

DECLARATION

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

VIJAY.D