**PRAVEEN**

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**OBJECTIVE:**

* Looking forward for **Electrical and Instrumentation Engineer** with reputed organization that gives me an opportunity where I can improve my abilities and which provides an environment to share my skills with others so that I will be a part of success in that organization.

**PROFESSIONAL SYNOPSIS:**

* **5years of experience** 2**+** yearsin **Electrical and Instrumentation Engineer** in Power Plants as well as 2+ years in **Electrical and Instrumentation Engineer** Building Accommodation construction fields.

**EDUCATION: ( Certificate Attested by Saudi Council )**

## B.E Electronics & Instrumentation Engineering from Anna University, India during the year 2009-2012.

## Diploma in Instrumentation and Control Engineering from Mohammed Institute of Engineering and Technology, India during the year 2006-2009.

## WORKING EXPERIENCE:

**PRESENT:**

Working as an **ELECTRICAL AND INSTRUMENTATION ENGINEER** in **POWER ENGINEERING. EST, Dammam, Saudi Arabia (from August 2015 to till now).**

**PREVIOUS:**

Worked as an **ELECTRICAL AND INSTRUMENTATION ENGINEER** in **SRI SAI PUMPS AND ENERGY SYSTEMS (P) LTD, India** (from June 2013 to July 2015).

Worked as an **INSTRUMENTATION ENGINEER TRAINEE** in **BSS CONTROLS & DEVICES, India** (from­­­ Aug 2012 to June 2013).

**WORK CHALLENGES AND ACCOMPLISHMENTS:**

**GULF EXPERIENCE**

**Designation : Electrical & Instrumentation Engineer**

**Client** **: Saudi Aramco Residential Building Accommodations**

**Subcontractor** **: Power Engineering. Est (Arabic Company)**

**Dates** **:** Feb 2016 to Mar 2017

**Main Activities and Responsibilities**

Implementation of project design through planning, procurement, inspection, testing, commissioning including internal & external (LT) cable lying, Switch board erection, Panel board erection, site supervising.

* Medium voltage cable lying, Low voltage cable lying.
* MV & LV cable Terminations,
* MV cable 5KV megger test,100KV HI-POT testing.
* Megger Test Upto 5KV for all Low voltage cable test.
* Making EMT, RGS, PVC conduits.
* Lighting, Receptacle, VAV Wire pulling have been done according to company drawing and technical requirements.
* Grounding copper rods and Test pit installation
* Lightning grounding system.
* Fire Alarm systems.
* Loop test for all cables as per design.
* Power Panel installation, Disconnect switch installation, Lighting fixtures, Receptacles, VAV, ACC Unit .
* All tests have been done according to Company Drawings and technical Requirements.

**Designation : Electrical & Instrumentation Engineer**

**Client** **: Saudi Aramco Residential Building Accommodations**

**Subcontractor** **: Power Engineering. Est (Arabic Company)**

**Dates** **:** Aug 2016 to Dec 2017

**Main Activities and Responsibilities**

Implementation of project design through planning, procurement, inspection, testing, commissioning, FACP panel installations, wire pulling, site supervising.

* Making EMT, RGS conduits.
* Fire alarm wire pulling have been done according to company drawing and technical requirements.
* Loop test as per design.

**POWER PLANT PROJECTS:**

* **MANIGARH CEMENTS, India** worked as an **Electrical and** **Instrumentation-Engineer** having experience in generation of power (BHEL Turbine with CETHAR VESSEL Boiler the steam generation with operating system of ABB DCS).
* **INDSIL ENERGY AND ELECTROCHEMICALS, India** worked as an **Electrical and** **Instrumentation-Engineer** having experience in generation of power (TRIVENI Turbine with CETHAR VESSEL Boiler the steam generation with operating system of ABB DCS).
* **PRATHYUSHA POWER GEN (P) LTD, India** worked as an **Electrical and** **Instrumentation-Engineer** having experience in generation of power (SIEMENS Turbine with THERMODYNE Boiler the steam generation with operating system of SIXTRACK PLC).
* **GARDEN SILK MILLS**, **India** worked as an **Electrical and** **Instrumentation-Engineer** having experience in generation of power (SIEMENS Turbine with CETHAR VESSEL Boiler the steam generation with operating system of YOKOGOWA DCS).

**SUMMARY OF SKILLS & RESPONSIBILITIES:**

**During my tenure with the above organizations, gained a valuable experience in –**

* Experience in preparation/ review of all types of field instruments, material requisitions, cables schedule, instrument data sheets and loop diagrams.
* Conducting maintenance and calibration of all instruments used in the process control differential pressure Flow Meters, Level Transmitters based on DP principle, Control Valves & pH instruments.
* Notification creation for PM, CBM and Abnormality.
* Handled various reputed makes of DCS Systems, connected to Power Plants.
* **Coordinated weekly progress review meetings with clients/Sub-Contractors.**

**Instruments Worked With**

* Have performed maintenance and calibration testing in Pneumatic control valve, Load cell transducer, Transmitters, RPC, Limit switch and Analyzers.
* Maintenance and Servicing of all types of Gauges, Switches, Control Valves, Solenoid Valves differential pressure switch, pressure switch, Automatic drain valve, pull cord switch, Temperature switch, belt sway switch and On-Off Valves.
* Testing of all measuring Instruments, Such as Thermocouples, RTD, vibration sensors and zero speed sensors, Electronic speed switch, Temperature controller.
* Calibration, Servicing and maintenance of all types Pneumatic & Electronic Pressure, Flow, Level, Temperature, Transmitters, Records & Controllers (I/P, Regulators).
* Maintenance in power plant areas are boiler, turbine, Ash handling plant, Coal handling plant, water treatment plant.
* I have knowledge of Calibration (Service For: Pressure, Vacuum, Flow, Level &Temperature) Transmitters, Converters, Controllers, Switches, Gauges, Valves (Control Valve, On/Off Valve, Solenoid Valve).
* I have knowledge of operate Hart Communicator.
* Pressure gauges and Pressure switch calibration using dead weight tester.
* Handled various reputed makes of DCS Systems, connected to Power Plants.
* Coordinating and supporting the site activities of critical equipments and validating the interlocks wherever applicable.

**PERSONAL DETALS:**

Date of Birth : 10 Dec 1990

Gender: Male

Marital status : Married

Languages known : English and Tamil