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**Seeking assignments in Project Management, Engineering, Operations & Maintenance, Erection and Commissioning with a leading organization**

### **Professional Summary**

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- Erection and commissioning of 1x12 MW Co-gen. Thermal Power Plant.

### **Areas of Strength**

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- Four years nine months experience as an instrumentation engineer in detailed maintenance and coordination of instrument and control system in thermal power plant.
- Configuring and faults diagnosis of DCS, PLC, SCADA and Control Loops.
  - DCS: ABB AC800 XA, Honeywell.
  - SCADA: FLSmith ECS V7.9, ABB Control M builder.
- Calibration, Installation and Maintenance beltweigher and Maintenance & calibration SOX, NOX, CO and O2 analysers.
- Experienced in flow meters configuring (Flow nozzle, electromagnetic, orifice plate, ultrasonic, turbine, variable area) of ABB, Rosemount and Krohne.
- Installation, calibration and loop checking of the field instruments like temperature, pressure, flow (DP), level (DP) transmitters (Emerson Rosemount, ABB, Endress& Hauser).
- Maintenance and calibration of the control valves with ABB make I/P converter, rotary actuator, solenoid valves, MOV (motor operated valve).
- Calibrating, Commissioning and Maintenance the analyser, transmitters such as pH, conductivity and ORP meter.
- Calibration, Installation and Maintenance of pressure gauges, temperature gauges and level gauges.
- Checking of cable routines. Preparation of cable schedule from field instrument to junction box and junction box to control room.
- Maintenance and calibration of pneumatic control valves (MIL and IL) and motorized valves.
- Installation and Commissioning of Radar level Transmitters & DP type level transmitters.
- Calibration and maintenance of temperature elements, vibration proximity elements, level switch, pressure switch, DP switches.
- Experience of operating HART Communicator model 475.

## Career Scan

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Organization : Jindal worldwide Ltd.  
Duration : November-2020 to till date  
Designation : Instrumentation Engineer.

### Roles and Responsibilities:

Presently looking following activities

- Attending all the complaints and breakdowns related to the plant process and restoring the equipment in minimum possible time.
- Responsibility of smooth & safe operation of power plant in shift.
- Responsibility of Installation & Maintenance of all type of pressure level, Temp.
- Gauges & pressure gauges, Pressure transmitter & Temp. Transmitter.
- Responsible of calibration of RTD, Thermo couple, lab equipments etc.
- Responsible for calibration of all type of control valves.
- Working with safety.
- Maintenance and troubleshooting of IO panels.
- Graphics modifications and logic as per operation requirements.

Organization : Hi-bond Cement (India) Pvt. Ltd.  
Duration : 1 June-2016 to 12 November 2020  
Designation : Instrumentation Engineer.

### Project Description:

- Hi-bond cement (2500 TPD) is a leading cement manufacturer in Rajkot, Gujarat.
- 12 MW Steam Turbine Power Plant with SHINKAWA make Condition monitoring system.
- DM plant with online measurement of pH and conductivity.
- Coal handling plant.
- Ash handling plant of MECGALE pneumatics Pvt Ltd.
- AFBC Boiler 50 TPH of Hi- tech engineering Pvt Ltd
- Air cooled condenser system of ENEXIO.
- ABB makes DCS 800 XA series system for co-gen thermal power plant.

## Academics

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B.E. Electronic Instrumentation and Control engineering from Rajasthan Technical University Kota, June 2012 with **62%**.

## Personal Details

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Date of Birth : 19<sup>th</sup> June 1991  
Nationality : Indian  
Marital Status : Unmarried  
Linguistic Abilities : English, Hindi and Gujarati

