

RESUME

Aditya Tiwari

Address: Hospital Colony, Sirmour
Rewa, Madhya Pradesh - 486448

Mobile: 9137182122 & 7389609187

Email ID: adityarkdf4@gmail.com

Objective:

Seeking a position where I could play a Leading role with my experience in the field of detail commissioning, operation & maintenance of field Instruments, DCS, PLC & Electrical Control system.

Educational Qualification:

- ✓ Completed B.E (Bachelor of Engineering) from Rajiv Gandhi Proudhyogiki Vishwavidyalaya with an aggregate of 72.08% of marks
- ✓ Completed XII from Board of Madhya Pradesh with an aggregate of 67.6% of marks
- ✓ Completed X with an aggregate of 78.5% of marks

Professional Summary:

6.8 years in Thermal Power Plant as a Control & Instrumentation Engineer. Responsible for Erection, Commissioning, Operation & Maintenance of Turbine, Boiler & Related BOPs.

Client: NTPC Khargone - M.P -- (2*660 mw)
Firm: Snipe Engineering India Pvt Ltd, Chennai
Designation: Senior Engineer
Duration: Jul 1, 2019 to Feb 30, 2020
DCS Make: OVATION (OCR 1100) makes Emerson supplied by LNTPS

Client: Talwandi Sabo Power Limited 3*660mw Mansa Punjab
Firm: JEPL Pvt. Ltd. U. P
Designation: Engineer
Duration: Sep 20, 2018 to Jun 30, 2019

Client: Hindustan Power Pvt Ltd, (2*600 MW) Anuppur (M.P).
Firm: PCI Engineering India Pvt Ltd, Bangalore (KA)
Designation: Assistant Engineer.
Duration: Feb 1, 2015 to Oct 10, 2016
DCS Make: OVATION (OCR 1100) make Emerson supplied by HARBIN

Client: NTPC Ltd, (2*500 MW) Rihand Nagar Sonebhadra (U.P)
Firm: PCI Engineering India Pvt Ltd, Bangalore (KA)
Designation: Junior Engineer
Duration: Nov 10, 2013 to Oct 25, 2014
DCS Make: FOXBORO INVENSYS

Job Responsibilities:

- Responsible for handling shifts related to operation & maintenance related work.
- Online Forcing and Bypass, Permissive.
- Trip analysis of different systems using SOE & Trends.
- Have been involved in onsite logic modification for protection & Interlock of various critical plant equipment considering equipment full load capacity & normal operating parameters.
- Jobs scheduling & Manpower planning for preventing, Breakdown & Shutdown maintenance.
- Successfully coordinated in execution of boiler light up steam blowing, synchronization and full load of 660MW.

Professional Experience:

- Operation & maintenance of PF Boiler & Auxiliary system.
- Commissioning and Maintenance of Local Ignition Control panel of boiler includes pneumatic operation of oil gun and igniter makes BHEL, HARBIN & MHPS.
- Commissioning and Maintenance of Coal Mill and Coal Feeder local control panel make BHEL & STOCK.
- Maintenance and calibration flame scanner makes ABB, BHEL& FORNEY.
- Maintenance and calibration of O2 Analyzer make Rosemount & Yokogawa.
- Done troubleshooting for various DCS problems involving DPU (Distributed processing unit) malfunction, I/O card (AI, AO, DI, and DO), servo modules malfunction, and network failure.
- Commissioning and Maintenance of TSI & VMS (MEGGITT, BENTLY NEVADA, SINKAWA) systems.

- Testing , maintenance and calibration of various field instruments like Pressure, Level, DP transmitter, Limit switches, Temperature elements, Analyzers (Oxygen, Hydrogen, Opacity), Power cylinders, Hydraulic actuators.
- Commissioning instrumentation part of TDBFP, MDBFP, FD, ID, and PA FANS.
- Sound understanding of P&ID drawing, Signal Flow Drawing and Hook UP drawing.
- Commissioning experience of Burners, SADC, & oil skids with knowledge of FSSS system.
- Calibration, Installation and commissioning, maintenance of Switches like pressure, level, flow, RTD, Thermocouple etc.
- Installation and maintenance of Pressure Gauges, Temperature Gauges and Level Gauges.
- Calibration and maintenance Flow, Pressure, Level and Temperature transmitter (Rosemount and YOKOGAWA).
- Calibration, installation and maintenance of ABB positioners (TZID, TZIDC-200), Siemens (PS2), Samson (3730-3) & pneumatic control valve make (MIL).
- Damper includes the mechanism of operation, setting of limit switches, feedback settings, indicator disc setting, full open and close setting make (AUMA India, Auma Germany, Rotorok, Limit torque, Command industry, China make).
- Troubleshooting jobs in PLC make Allen Bradley version 5000 & Schneider Electric and SCADA version 8(RX Logic).

Technical Skills (Electrical Engineer):

- Operation, Maintenance and Troubleshooting of Substation & Circuit Breakers ACB, VCB, VRC Upto 11kv system.
- Day to Day planning for Preventive and Breakdown maintenance.
- HT and LT Transformers & Electrical Switchgears Maintenance & Care.
- Distribution panels, HT Board, PCCs, MCCs, DCDB, ACDB, MLDB, WDB.
- Comprehensive knowledge of and experience in Maintenance of Power transformers, Motor drives, Current transformers, Potential transformers, VFD Drive,
- Electro mechanical relays, Numerical relays, Mi Com220, REF 615, REM 615, RED 615, RELAY of ABB. And other different types of protection relay.

- Motor Protection Relay & Trip Circuit Supervision Relay & Master tripping unit (MTU)
- Safety methods and first aid in live line maintenance.
- Ability to handle and troubleshooting of different schematic diagrams such as Siemens, ABB, Areva. L&T.
- Knowledge of HT & LT Motors (up to 1100KW, 11KV/Starters/Control Circuits like Induction Motor. Star Delta Starters & interlocking.
- Preventive Maintenance of Feeders, Battery Bank/Battery Charger, PLC Panels & VVVF Drives.
- Zss, Pcs, Bss and proximity sensors checking and connection tightness checking.
- Checking of ESP Rectifier transformer.
- Checking of ESP hopper heater & silo heater SCR based

Process Improvement:

- Creating and Issuing of maintenance order through SAP (740).
- Preparation and planning of O&M budgets, O&M overhaul works, O&M spares and consumables requirements etc. for C&I optimizing the output, minimizing the outages and ensuring the high reliability of the plant.
- Preparation of Daily Progress Report, Instrument Calibration report and Check Lists of BTG and BOP Areas.

Knowledge of Calibration Instrument:

Dead Weight Tester: MAKE TINSLEY 50-DTP-0601-HP.

Temperature Tester: MAKE ISOTECH TTI-22.

Pressure Calibrator: MAKE Time Electronics Ltd 7040& Fluke 717 300G.

Vibration Tester: MAKE IRD Mechanalysis IRD811D.

HART Calibrator 375: MAKES Emerson.

Software Exposure:

- LANGUAGE (S) Basic programming in C.
- MS Office Suite: MS Word, MS Excel & PowerPoint.

Accomplishments:

- I got first prize in safety slogan in 2018.
- I got second prize in safety slogan in 2017.

Strengths:

- Hard Working & Enthusiastic
- Very much Flexible to work with any environment
- High Grasping Power of New Technologies.

Declaration:

I do hereby declare that all the above furnished particulars are true and correct to the best of my knowledge and believe.

Date:

Place:

Signature

