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| Name : ATUL KHARE  Experienced in : EPC Projects, Installation, Erection Commissioning, Operations &  Maintenance & Running power plant.  Industry : Thermal & biomass Power / Energy / Chemical Power  E-Mail : atul.91221@gmail.com  Phone : +91 9826279012  Address : GHANKUN STEEL PVT LTD RAIPUR (CG) |

**Professional Objective**

Dedicated and highly skilled Instrumentation and Control Manager with meticulous and accurate attention to minute details. Able to work effectively independently or as a team member. Adept at project completion at or well below client budget limits.

**Summary**

* About 12th years of experience as an Instrumentation & control Manager in Erection, Installation, Pre-commissioning, Commissioning, Maintenance, & development of instruments and control system in Power plant, Steel Plant, Furnace, Cement Plant, Refinery & water Treatment plant.
* Knowledge of Configuring and faults diagnosis of DCS, PLC, SCADA, Control Philosophy, Control Structure and Control Loops.
* Installation, Calibration, & Loop checking of the field instrument, (ABB, Honeywell, Yokogawa, Siemens, Rosemount, Endress & Houser, Bently Nevada, Polysonics, Vega, Forbes marshall).
* Maintenance & Calibration of the Control Valves (Pneumatics, Part Turn, NRV, MOV) of weir blackborough, Flowserv, Bray, Valtek, Auma.
* Designing, Implementing, and commissioning of new control loops as per site requirement.
* Experienced in flowmeters configuring (Electromagnetic, Orifice Plate, Ultrasonic, Turbine, and variable area).
* Review of control philosophy, P&I diagram, cause & effect diagram, Instrument List, & flow Chart.
* Technical support for the instrument team.
* Experienced in the field instruments & control system procurement activities.
* Spare balance investigation & inventory control for all instrument parts

**PRESENT WORK EXPERIENCE**

**GHANKUN STEEL & POWER LTD (NIRMAAN GROUP) RAIPUR (CG):-** Feb-2017 to Till date

Ghunkun Steel - Manufacturer of power plants, industrial power plant parts & thermal power plants maintenance services in Raipur, Chhattisgarh

Designation: - C&I Manager

Presently associated with the (2x12 mw captive power plant) GHANKUN STEEL PVT LTD RAIPUR (CG)

**TECHNICAL EXPERTISE**

* Leading of Instrument Teams.
* Reporting periodically General manager preparing KPI, PM and CM reports.
* Troubleshooting the totally integrated automation,
* Planning required upgradation for instrument to achieve production quality and cost minimizing.
* Co-ordinally daily maintenance activities like, preventive, productive and breakdown.
* Planning & executing Shutdown jobs.
* Spare Planning & purchases.
* Coordinating with contractors for migration works and new schemes.
* Troubleshooting of PLC system (Siemens semantic) and faults diagnosis.
* Calibration of weighing system including load cell 20ton capacity.
* Involved in instrument installation, calibration, cable laying, Termination Calibration and loop checking.
* Planning & implementing additional control loops as per site requirements.
* Strong background in motor defects, soft-starters, drives, Star/Delta starter, VFD.

**CONTROL SYSTEM DETAILS**

* DCS: -Working in ABB 800XA fully conversant with design, programming & commissioning of ABB DCS 800xAApplication development.
* Executed brown filed projects (Engineering and Commissioning) or worked in DCS 800xA system migration projects.

**PREVIOUS EXPERIENCE**

**1. Chhindwara infrastructure (P) ltd Pandhurna (MP) (CLC Spentex Group**) July 2014 to November 2016

(2x10 mw Captive power plant)

**Designation:** - C&I Asst. Manager

Presently associated with the (2x10 mw captive power plant) Chhindwara infrastructure (P) ltd Pandhurna (MP) as Asst Manager.

**Job Responsibilities:**

* Successfully oversaw the installation, commissioning & operation of Siemens DCS and erection commissioning, operation & maintenance of field Side all Instruments.
* Gained in-depth knowledge of control drawings & single line diagrams.
* Ushered the maintenance of Ash handling system controlled by PLC along with the operation based

on pneumatic system.

* Successfully Calibration & maintenance of oxygen analyzer, acid and alkaline analyzer in CPU.
* Commissioning of the entire PA, FD & ID fan with lube oil system.
* Turbine HP and LP bypass oil skid commissioning work
* Calibration, Erection and Loop checking of Pressure and Differential Pressure Switches (PS & DPS) and Level switch (LS).
* Calibration, Erection and Loop checking of Temperature Elements (RTD & T/C), Temperature Transmitters.
* Calibration and Erection of local indicators such as Pressure and Temperature Gauges (TG & PG).
* Supervision in erection of cable Tray, Transmitter rack, Impulse piping and leak proof testing like hydro and pneumatic tests.

**2. M/S ANI Instruments PVT.LTD** Nov2013 to June 2014

**Designation:** - Control &Instrumentation Engineer

Client name: RELIANCE POWER, UMPP, SASAN POWER LTD MP.

Capacity of the plant: 6x660 MW coal based Ultra mega power plant.

**Job Responsibilities:**

* Successfully oversaw the installation, commissioning & operation of DCS and erection commissioning, operation & maintenance of field Side all Instruments.
* Ensured regular & effective maintenance, calibration and repairing of various types of Flow, Pressure and Temperature instruments like gauges & transmitters.
* Handled the maintenance of the thermocouples and RTDs and pneumatic and electro pneumatic

Actuators, Solenoid operated Heavy Valves and dampers in the plant.

**3. Indra Powdergen Pvt. Ltd., Berhampur (CG):**

Capacity of the Plant: 1x10 MW Coal based Power Plant

Duration : **MAY’ 13 – October 2013**

Designation : **Sr. Engineer** – **Instrumentation**

4.**Arya Energy Limited (2x12 MW), M.P.**

*C*apacity of the Plant: 1x12 MW Coal based Power Plant.

Duration : Oct’ 12 –April 13

Degination : **Sr. Engineer** – **Instrumentation**

5. **Indra Powergen Pvt. Ltd., Bishrampur (CG):**

Capacity of the Plant: 1x10 MW Coal based Power Plant.

Duration : 1st April 2011 to 30th sep2012.

Degination :  **Engineer** – **Instrumentation**

6. **Walchandnagar Industries Ltd., Pune (MH):**

Duration : Aug’08 – Mar’11 as Control & Instrumentation Asst. Engineer

**Nature of work**: -

* Developed the instrument specification sheet for various field instruments by using various IN-tools & Auto –CAD Software.
* Handled the maintenance of the Instrument Index, I/O list & preparation of bill of material.
* Played a key role in the selection & sizing of instruments along with the creation of drawing hook up
* Diagrams.
* Monitored the preparation of Loop Drawings & drafting of the Control philosophy manual.
* Completed effectively the drawing cable tray layout and cable routing drawing.
* Oversaw the designing control room layout.

**EDUCATION**

* Bachelor of Engineering (B.E) in Instrumentation & Control, with 68% from Shri Rawatpura Sarkar Institute of Technology and Science, Datia, (M.P.), affiliated to RGPV Bhopal (M.P.) 2007

**PROFESSIONAL ENHANCEMENTS**

* NABL certificate Calibration training in Tempsens Pvt. (I) Ltd., Udaipur (Rajasthan) in 2009.
* 30Days training on PLC, SACADA & process instrumentation from Softcon, Bhopal in 2009.

**IT SKILLS**

* Well versed with VB .NET, Auto Cad, NX-4 & 5, Pro-E, Solid works, P-Spice.
* Conversant in Microsoft Office (PowerPoint, Excel & Word)

**PERSONAL DETAILS**

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| Name: | ATUL KHARE | | | |
| Date of birth: | 01/01/1983 | | | |
| Languages: | English, Hindi. | | | |
| Nationality: | Indian | Sex: | Male | |
| Marital status | Married | | | |
| Pass port No. | KG107017 | | | |
| Correspondence Address: | GHANKUN STEEL & POWER LTD SILTARA PHASE –II RAIPUR (CG) | Permanent Address | | Shri. J.P. Khare  185, Near Nayak flour mills Narsingh Garh colony Chhatarpur (MP)  Pin. 471001 |

**Declaration:**

**I do hereby declare that the above statements are true to the best of my knowledge and belief.**

**DATE: ATUL KHARE**