CURRICULUM VITAE

**AJIT KUMAR ROUL**

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*A result oriented professional with 4year 4month rich experience in the areas of Project Execution Operation& maintenance , selection & Sizing & Quality Assurance in Gas, Chemical industry. Adept at various types of instruments maintenance, co-ordination with client-vendor and commissioning with demonstrated abilities in working on initiatives, on time project delivery. A fast learner and self motivated person who believes in achieving targets in line with the organizational goals with sincere efforts with good verbal/written communication skills.*

###### Professional Background and Accomplishments:

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| **Aim Instruments Services, Angul, Odisha** | Site-engineer ,Project | August 2016 – Till date |

* **Industrial Experience**:  **4year 1 month**
* Training Experiance:03 Months

**Work area**

**♦ POWER PLANT**

**♦ COKE OVEN BY- PRODUCT PLANT & BATTERY.**

**♦ DRI**

My Key Responsible Area is as following:-

**Erection & Commissioning Activities:**

* Instrumentation activities according to Engineering drawing and Technical specifications:

Inspection of material, Instrument , Impulse pipe & tube erection, junction box & cable tray erection, signal & control cable laying, and field instrument Calibration & termination with DCS (Siemens PCS7 ),SIS(Siemens ) etc.

Preparing Quality Control Plant & Work Procedure for Instrument Commissioning.

* Review of Instrument Data base as per P & I Diagram.
* Hydro test & pneumatic test against the impulse line (Pipe & Tube etc.)
* Review of functional logic diagram & interlock logic diagram for DCS.
* Simulation test for DCS & PLC System with Vendor.
* Loop Check from Field to DCS/PLC as per Logic.
* Co-Ordinate with operation group for DCS Graphic System and Logic system.
* Carry out Site acceptance test for DCS & PLC System.
* Coordination weekly meetings with Client to review progress and future planning to complete the project within schedule time.
* Document preparing for reconciliation.

**Operation & Maintenance:**

* Spare Management for all the instruments e.g. Control Valves, Level Instruments, Various transmitters, Gas detectors, DCS etc.
* Manpower Planning for daily activity of Instruments of Sulphur Recovery Plant, Ammonia Plant, Tank Farm, Benzol Plant, Cooling Tower, Coke oven By-product plant & Battery and Syn gas based DRI.
* Field instrument calibration and Documentation carry out.
* Operation & maintenance of Auto Ignition system .
* Obtain TPM & Maintain 5S.
* Prepare maintenance schedule for COG compressor and COG heater at DRI.
* Maintenance & calibration of pneumatic positioner, Flow transmitter ,Pressure transmitter, All type of Level transmitter.
* Maintenance of Gas analyzer like O2,H2S,CO,Syn gas ,SOX,NOX .
* Maintenance of Opacity Meter.
* Maintenance of Auto positioning System.
* Calibration of Various Gas detector.

**Worked as project engineer for company and client for AIM Instruments Services as per below details:**

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| --- | --- | --- | --- | --- |
| EMPLOYER | CLIENT | Role | Projects | Duration |
| AIM INSTRUMENT SERVICES | BHUSAN ENERGY LIMITED | SITE ENGINEER- INSTRUMENTATION | **Power Plant** | Aug2016-Oct2017 |
| **AIM INSTRUMENT SERVICES** | Jindal steel & power limited | SITE ENGINEER- INSTRUMENTATION | **Coke-oven& DRI** | Nov2017-till now |

**Erection & Commissioning Activities:**

* Study of Tender Document, GAD, P&ID, Hook-up diagram S.O.R.
* Review of Instrument Data base as per P & ID.
* Review of functional logic diagram & interlock logic diagram for ESD etc.
* Estimation of Job Volume.
* Job Planning.
* Material inspection according to data sheet
* Preparing Quality Control Plant & Work Procedure for Instrument Loop Test and Commissioning of Instrument.
* Hydro & pneumatic test against the impulse line (Pipe & Tube etc.)
* Simulation test for DCS & PLC System with Vendor
* Field instrument & cable tray erection, cable laying, and field instrument Calibration, termination with DCS (Siemens & Best Power) and ESD etc. according to Engineering drawing and Technical specifications.
* Co-Ordinate with Operation Team for DCS Graphic and Logic system.
* Carry out Site acceptance test for DCS & PLC System.
* Coordination weekly meetings with Client to review progress and future planning to complete the project within schedule time.
* Preparing and checking of billing measurement for clients and sub-contractor
* Preparing reconcile statement.

**TRAININGS**

* **Process Instrumentation Measurement**. Types and functioning (Level, Pressure, Flow & Temperature).
* Attended 3 month training on Field instrumentation (SPICE)Course from YOKOGAWA TECHNOLOGY(ONLINE COURSE), Calcutta at West Bengal.
* UPPER COLAB HYDRO POWER PROJECT (From 13.10.2015 to 20.10.2015), Koraput at Odisha.

ACADEMIA

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| --- | --- | --- | --- | --- |
| **Examination** | **Discipline / Specialization** | **Institution** | **Year** | **Board / University** |
| DIPLOMA | Electrical Engineering. | Utkal gourav madhusudan Institute Of Technology ,Rayagada | 2013-16 | State Council Technical Education & vocational training ,Odisha |
| XII | SCIENCE | Parimal mahabidyalaya,  Pandua | 2011-2013 | C.H.S.E , Odisha |
| 10th | --------- | Guneibil High School | 2011 | B.S.E , Odisha |

**SKILLS & COMPETENCIES**

**Key Skill:** An Electrical Engineering with 4year 4 month experience in erection, commissioning and Operation & Maintenance of Instrument . A fast learner and self motivated person who believes in achieving targets in line with the organizational goals with sincere efforts.

**PERSONAL**

* Date of Birth : 27.01.1995
* Gender : Male
* Marital status : un-married
* Current Location : Angul (State: Odisha)
* Current Organisation : AIM INSTRUMENTS SERVICES
* I hereby declare that the above information is true to the best of my knowledge and belief.

Date:05/01/2021 **(AJIT KUMAR ROUL)**