### Curriculum Vitae

### Amit Kumar

### Control & Instrumentation Eng.

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**Objective**

Seeking an entry level position or internship in Instrument Engineering automation, modeling or simulation technology based firm where I can use my creative and analytical technical skills.

**SYNOPSIS**

* A competent professional with **over 05+ years till up to Date** of experience in thermal and Chemical plant.
* Expensive in application of ac drive variable speed drive with digital control automation control with DCS, plc, proximity, switch, sensor and other field instrument which are use in process industries.
* To look for day to day break down of plants finally automatic machine Siemens PLC based machine frequency drive relay based control panel all.
* To plan and execute shutdown activity preventive maintenance & predictive maintenance of machines.
* Carries a positive attitude, enthusiastic and a firm believer of team work.
* A versatile and hardworking person possessing excellent analytical and communication skills.

**Total Experience**

* I have **total 8 year** experience in Instrumentation department of Chemical & Cement Plant.

**Working Experience**

* Presently work in **Hindalco Industries Limited (Aditya Birla Group ) renusagar power Devision (960 MW)** from 13.03.2023 as **Deputy Engineer** .
* **Ultratech Cement Ltd, (Aditya Birla Group)** Company from 01 Jan.2021 up to continue Aligarh unit (UP) as **Assistant Engineer** in instrument Department. transfer by Unit on same designation .
* **Ultratech Cement Ltd, (Aditya Birla Group)**company from 23. sept 2019 to 31 Dec.2020 Awarpur unit (MH) as **Assistant Engineer** in instrument Department.
* **HINDALCO INDUSTRIES LTD. (Aditya Birla Group)** **Chemical** Company from 20 Jan. 2015 up to 22. Sep.2019 as a **Junior Engineer & Area Coordinator**

**Job Profile & Responsibility**

* **Health, Safety & Environments Activity.**
* Manage & Control adherence to Safety Environment and regulatory norms and system implementation for energy conservation.
* Improve all field instrument maintenance activates SOP, SMP & SWI.
* Finalize Procedure, HAZOP analysis, RCA.
* Give the time to time maintenance activity training of field instrument with safety topics for work men group work with safety.
* Improvisation of SOP, SMP& SWI and review & update in 6 months with workmen.
* **Field Instrument Maintenance & Technical Activity.**
* Installation Erection Commissioning & resolve the troubleshooting of all field Instruments like as Pressure Transmitter, Level Transmitter, Flow Transmitter, Magnetic Flow Meter, Mass Flow Meter, Ultrasonic Level Transmitter, Ultrasonic level switch, Float Level Switch, Pressure Switch ,Reed Switch, Limit Switch, Solenoid Valve , Rotary Actuator, Pneumatic Power Cylinder, Pressure Gauge, Vacuum Gauge, Temperature Gauge, Rota meter, RTD, Thermocouple ,PID Controllers &Various Types of Indicators ,control valve & Positioner ,Position Feedback Transmitter , Panel wiring , PLCDCS Etc.
* I having reading knowledge of ladder, Function block logic of PLC and DCS logic.
* Mentoring the team for improvement in overall equipment effectiveness.
* Manage & control of practices on reliability maintenance.
* Responsible for Modifying of Instrumentation as per Process Requirement Reducing breakdown resulting in Less Manpower requirement.
* Attend the meeting with production department for area problems every week.
* Planning with production area coordinator regarded to plant shutdown every 6 month.
* I reported to Deputy Manager / Assistant General Manager and Engineering head.
* **Spare Parts Management Activity.**
* Planning & Managing Spares**.**
* Vendor development.
* Indigenization of imported spares.
* Develop plan for safe storage of spare.
* **Planning, Budgeting & cost control Activity.**
* Finalizing Engineering requirements.
* Finalization & obtaining annual Area Budgets.
* Updating and Modifying requirement and solution, preparing cost estimates and budgets.
* Managing minimum cost of field instrument maintenance.
* Plan annual shutdown budget as per instrument history records.
* **Project Activity.**
* Involve all project activity **(Project Cost estimation, P&ID and project completion, meeting with seniors to project teams and planning)** to instrumentation department side.
* I Completed the**10** no new project **(Weighing Bridge 100 Tons for wagon tripller.,2 no’s Coriolis, 1 no’s Filter Press, 1 no’s DCW, and Vanadium Recovery Filtration System, Heat Exchanger, pond fly ash weighing system, TMC project between Harduaganj station to UTCL Aligarh, Packer Upgradation is.)**in area and planning and analysis with technical, project & production Department.
* Updating and Modifying requirement and solution, preparing cost estimates and budgets
* **Documents Activity.**
* Update the PM and calibration of critical & identify instrument sheet as per calibration charts.
* Create the cost estimation sheet of fields instrument which are use in project as per P&ID.
* Showing the monthly activity to reporting persons in month last**.**

Updating and Modifying requirement and solution, preparing cost estimates and budgets

* Handling **DCS & FIELD Instrumentation**, and all area related documentation.
* Maintain the store bin level as per user control inventory **Critical & Non Critical Items**.
* Why Why analysis, Root Couse analysis keep records of our area which I do it.
* **ISO Document** as per reported person instruction
* **Other innovation Activity.**
* Create the cost estimation sheet of fields instrument which are use in project as per P&ID.
* Showing the monthly activity to reporting persons in month last**.**
* Working on the optimizing area operations focusing on efficiency and cost effectiveness through effective utilization of personnel and resources
* Maintain the store bin level as per user control inventory Critical & Non Critical Items.
* Kizens activity in our area.

**Hobbies**

* Listen Music
* Play Chess
* Study
* Work free mind

**Academic Qualification**

* Three Year Diploma in Instrumentation & Control Eng. (2005-2008) passed with 1st Division aggregate from **Feroze Gandhi Polytechnic Raibareli (UP)**
* 12th passed from UP board.
* 10th passed from UP board.

**Personal Details**

Father Name : Mr. Pooran Singh.

Mother Name :Mrs. Kamlesh Singh.

Date of Birth : 03-08-1987

Permanent Address :Mandi Herdev near Gas Agency Dibai

Distt. Bulandshahr (UP) 203393

Marital status : Married

**(Amit Kumar)**