**ANUJ KUMAR **

**Contact No.: +91- 9723709823**

E-Mail: [**anujrathi4@gmail.com**](mailto:anujrathi4@gmail.com)

[***anujkumar.rathi@adityabirla.com***](mailto:anujkumar.rathi@adityabirla.com)

**Seeking assignments and challenging role in high growth oriented organization.**

**PROFESSIONAL PROFILE**

A nascent professionalhaving **over 16 years** ofrich experience in Project Execution, Commissioning, Maintenance of Automation, Instrument System Engineering & Control System. **Presently serving M/s Hindalco Industries Ltd. (Unit-Birla Copper), Gujarat as a Deputy Manager.** Adept at planning & execution of projects for plant set up, plant expansion, modernization and installation, commissioning of equipments. An effective communicator with strong analytical, logical, problem solving & organisational abilities.

**ORGANISATIONAL DETAILS**

**Since Feb’12 M/s Hindalco Industries Ltd. (Unit-Birla Copper), Gujarat Deputy Manager**

Hindalco Industries Limited, A flagship company of the Aditya Birla group. Birla copper is a unit of Hindalco Industries Limited has set up a mega Greenfield Copper Smelting and Refining complex at Dahej in Bharuch district of Gujarat, Presently deputed in **Copper Refinery(Chemical Plant), Continuous Cathode Rod, Utility(Water Treatment Plant & Effluent Treatment Plant )** & **power plant with total capacity of 135 MW in Automation department.**

**Jan’09-Jan’12 M/s Siemens ltd**

Company carries out Maintenance, Troubleshooting of **SIEMENS DCS SYSTEM** Installed at various site, Visited Various Power Plants and was deputed at Mejia Thermal Power Plant, Damodar Valley Corporation (DVC), where responsible for complete maintenance of **2x210MW Power Plant** (Troubleshooting, Servicing & Maintenance of Siemens **TELEPERM ME DCS** and field instrumentation as per annual maintenance contract.)

**March’08-Jan’09 M/s Universal Automation Technologies Pvt Ltd Faridabad Senior Engineer**

Company carries out Maintenance, Troubleshooting of AMC Jobs of **SIEMENS make DCS SYSTEM** Installed at various site. troubleshooting, servicing & Maintenance of Siemens **TELEPERM ME DCS** and field instrumentation as per annual maintenance contract.

**Aug’04-Feb’08 M/s Modern Dairies Ltd Karnal Haryana Instrument Engineer**

Company carries out Instrumentation Maintenance of all types of field Instruments installed in Casein, Lactose and Milk Plant

**EXPERIENCE, CAPABILITIES, ACHIEVEMENT & APPRECIATION**

* Having good commissioning, maintenance & troubleshooting Experience on **Siemens ( Teleperm ME+ DCS,S7-300,S7-400 PLC WinCC) Allen Bradley (Control Logix 5000,SLC-05/03,SLC5/04,PLC 05/40,RS VIEW32,Factory Talk & Yokogawa DCS CS3000 and Centum Vp System )**
* Having Good knowledge in Configuration of Communication Network from Control layer to supervisory layer by use of Ethernet communication interface module.
* Knowledge of various communication systems serial, Profibus, DH +, HART, Ethernet.
* Experience on Pressure, Flow, level & Temperature control loops, Control valves & Field Instruments like a proximity sensor, photo sensor, limit switch, LVDT, Weighing Scale etc.
* Maintenance & Calibration of Smart Transmitter like as Pressure, flow, level & Temperature Transmitter.
* Working knowledge of **Oracle & APPS**
* Preparation of ISO Documentation.
* Manpower handling.
* Material Procurement
* Preventive Maintenance Shut down Planning, Predictive Maintenance, and Root cause analysis.
* Design review of Vendors overall detailed Engineering and standard Specification with respect to Instrument system activities to ensure compliance with the scope of Work.
* Review and approve for various Instrument Data Sheets, location drawings, hook up, P&ID & DCS Logic.

**PROJECT DETAILS**

**Successfully Completed Cathode Strapping Machine project in Birla Copper**

* All logics implemented on machine (Allen Bradely RS Logix5000)
* Coordinate with basic & detail engineering consultant
* Reviewing of all engineering document submitted by engineering consultant (P & ID, Data sheet, Cable rooting,JB Scheduling,etc)
* Carrying out techno-commercial (Instrumentation) along with purchase department.
* Planning & preparing erection schedule.
* Make JB schedule for Analog Input/Output, Digital Input/Output, make close loop/open loop logic.

**CCR-1 PLC Up-Gradation from Allan Bradley PLC-05 to Allan Bradley Control Logix 5000**

* Project Co-Ordination with Rockwell Automation.
* Coordinate with basic & detail engineering consultant
* Reviewing of all engineering document submitted by engineering consultant (P & ID, Data sheet, Cable rooting,JB Scheduling,etc)
* Carrying out techno-commercial (Instrumentation) along with purchase department.
* Planning & preparing erection schedule.

Make JB schedule

**Crane Upgradation Project from PLC 05/04 to Control Logix.**

* Project Co-Ordination with Rockwell Automation.
* Drive Interface and Tuning with Allen Bradely PLC.
* Project successfully completed within Eight days of given Period.

**KEY RESULT AREA**

**Design & Development**

* Preparation of I/O Schedules, Logic diagrams, layouts, instrumentation specification.
* Control system design, panel engineering & hardware design.
* Development of Graphics for DCS & SCADA.
* Strong experience of developing process control logic (Open loop & close loop) for all types of process industries.

**Energy saving Projects**

* Develops several Energy saving projects using PLC logic modification.
* Machine idle condition Pumps stop logics

**Project Planning & Management**

* Handling project activities involving working out various requirements with respect to utilities, machines, man power & monitoring overall project operations for ensuring timely completion.
* Ensuring site operations are carried out smoothly with commissioning & procurement operations.
* Implementing financial projections, preparing budgets and performing extensive project costing.
* Directing site execution activities involving erection & commissioning.

**Instrumentation & Control**

* Process measurement & control instrumentation & services for monitoring, recording & optimising manufacturing processes. Configuring and programming of various plant equipments.
* Expertise in logic solving in control panels & various interlocking schemes in power plant and analysing all drawings related to automation & control systems.

**Operations & Maintenance**

* Effecting preventive maintenance schedules of various instruments to increase power plant up time and equipment reliability.
* Proactively identify areas of obstruction/ breakdowns and take steps to rectify the equipments through application of trouble shooting tools.
* Executing cost saving and energy saving techniques/ measures and modifications to achieve substantial reduction in O&M expenditures and work within the budget.
* Arrange tools & required spares for Operation & Maintenance activity.
* Technical, safety and behavioural Training to team.

**Work Profile:**

* Yokogawa/Siemens Mimics or Graphics Designing and Engineering, Modification of Logics, Wiring Diagrams in Marshalling Cabinets, Function Plans as per site requirements.
* Troubleshooting of Analog & Binary Signals at System & Field end.
* Configuring DCS System Hardware & Loading of Module Software in Yokogawa CS3000 system.
* Logic modifications in Yokogawa CS3000 DCS system as per process requirement.
* Troubleshooting in Allen Bradely SLC 500,RS5000Logix ,Siemens DCS and PLC system in Various Machines in Refinery Plant.
* Spares Management
* Planning of Preventive & Predective Maintenance Schedule.
* Planning and execution of Shut down Jobs.
* Root Cause Analysis to reduce Breakdown.
* Vendor Development for Technological Up Gradation

**IT SKILLS**

* MS Office and Excel
* Struk Programming for Siemens System.
* Ladder Programming for PLC.
* Yokogawa DCS Programming.

**ACADEMIC CREDENTIALS**

2003 B.E. (Electronics& Communication) MIT Bulandshahr, CCS University Meerut

**Current CTC : 11.95 LPA**

**Notice Period – Three Months**

**PERSONAL DOSSIER**

Passport No.:- R4616423

D.O.B 17/03/1980

Marital Status: Married

Address : House No. D-1/4

Birla Copper Township

Dahej,Bharuch.

Gujarat India.