**Anoop Kumar**

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**Resume Summary**

Extensive experience as an Instrumentation Engineer in projects and maintenance of Air Separation Unit.Review P&ID and drawing, Preparation material B.O.Q & Specification,Selection and Inspection of materials,Planning of job activities and Supervise in erection & commissioning,Involvement in commissioning of DCS & PLC, Certification of Bill. Preparation and implementation preventive maintenance schedule.Skill in analytical troubleshooting to reduce downtime. Procuring material and spare management for the optimum inventory control. Working on SAP, T.P.M., Kaizen, 5S,ISO documentation.Taking the initiative in resolving interface problems with other departments. Manage Oxygen plant process parameters and offsets. Individually, handle plant operation.

**Technical Knowledge**

* D.C.S. make Yokogawa model centum CS-3000.
* P.L.C. model 1756-A7 series LOGIX5563 Processor make Allen Bradley with RSLogix. 5000(Programming Software).Siemens PLC model S7-1200 and S7-300.
* SCADA/HMI Rockwell Factory Talk View Studio. Siemens wincc explore.
* UPS make MGE model no. Comet DX10 S11 capacity 10KVA/7KW.
* Thermocouples and R.T.D. of Pyroelectric instrument and Pyromation uses for temperature measurement.
* Pressure, Differential Pressure and Level Transmitter of Siemens, Yokogawa model no. EJA430A, Rosemount (3051), Siemens, HONEYWELL, ABB model no.2600T uses for Pressure, Flow and Level measurement.
* Control Valve makes Fisher model no. 8580, 2052, 3660, Flowserve, Samson, Koso, Mesto. Positioner makes Siemens, Mesto, Koso, and Forbs Marshal, Samson model no. 3848.
* Vibration Probe and Transmitter of Bently Nevada uses for Vibration measurement.
* Speed (NSv) Probe and Transmitter of Bently Nevada Uses for Speed measurement.
* Oxygen Analyzer uses for Analysis Oxygen Percentage (Paramagnetic Sensor), Oxygen V.P.M. (Zirconia Sensor and Electrolyte) make Servomex model 4100 and DF-150E, Nucon Model 4316-0.1 Ver4316H-0.1, ABB and Teledayne model 3010MA and 3000MA.
* Carbon Di Oxide Analyzer uses for Analysis Carbon Di Oxide P.P.M. (Gas filter Infrared Radiation Sensor) make Servomex model Servopro 4100 and Siemens model ULTRAMAT 6.
* Nitrogen Analyzer uses for Analysis Nitrogen P.P.M. (Plasma cell Sensor) make Kontrol Analytic model K2001.
* Argon Analyzer uses for Analysis crude and pure argon purity make Changai shangai.
* PH meter make Prominent model Dulcometer, compact controller.
* Dew Point meter make Hemaki, CS-itec and Teledyne model 8800A.
* Have Experience with HART PROTOCOL–HONEYWELL & HART modem HART-BT.
* Calibration knowledge of Switch,Pressure gauge,Temperature gauge,Analyzer, control valve and Transmitter.
* Knowledge of VFD,DOL/Star-Delta Starter.Knowledge of Studying Power/control wiring philosophy.Responsible for maintenance and troubleshooting of Electric heater,LT Motor,LT Switchgears, Lighting & Earthing System.
* Modbus protocol module installation.
* Flowmeter electromagnetic type, vortex type, Thermal conductivity type, turbine type.
* Load cell installation and maintenance in bagging machine,weigh bridge and weighing Scale.
* Fire fighting control system.

**Management Skill**

* Arrange & managing low cost vendors and contractors to produce quality products and work on time to schedule.
* Taking the initiative in resolving interface problems with other departments.
* Instrumentation scope definition, erection & supply B.O.Q., estimation & forecasting, planning of job activities, complex technical issues resolving.
* Checking supply materials. Supervise construction contractors.
* Review/check/approval of plant P&ID, hook-up diagram, I/O count list, cable and Junction box schedule. Involve in DCS and PLC commissioning.
* Cold and hot loop checking, Calibration testing and commissioning of Instrument.
* Track and report project progress and ensuring that the project schedule is maintained.
* Certification of Bill after reconciliation.
* Spare Management and prepare annual budget for spare and AMC.
* Preparation and implementation of preventive maintenance schedule.
* Documentation for ISO certification.
* Implementation of quality procedures and contribute to continuous implementation of improvement activities.

**Experience**

* **Affito Gas Pvt. Ltd.** 
  + Assistant Manager
  + April 2018 to Present.
  + Operation and maintenance of 4100nm3/hr Nitrogen plant.
* **Ellenbarrie Industrial Gases Ltd. Hyderabad**
  + Sr. Engineer Instrumentation.
  + June 2013 to May 2019.
  + Erection, Commissioning and Maintenance of Instrumentation system of 120TPD Air Separation plant make SASPG. Cost estimation, team management, vendor negotiation, spare management, ISO documentation, calibration etc.
* **SUNFLAG IRON & STEEL CO. LTD.**
  + Engineer Automation & Electrical (Oxygen Plant).
  + July 2011 to May 2013.
  + Erection & Commissioning and Maintenance of Instrumentation and electrical system of 135 TPD Air Separation plant. SAP work, documentation etc.
* **GOYAL MG GASES PVT. LTD.**
* Junior Engineer Instrumentation.
* Jan 2011 to Jun 2011.
* Erection & Commissioning and maintenance of Instrumentation in 125 TPD and 100 TPD Air Separation Unit.
* **Camphor & Allied Products PVT. LTD.**
  + Technician Instrumentation.
  + July 2008 to Dec.2010.
  + Maintenance of Instrumentation systems.

**Oswal chemical and Fertilizers LTD.**

Apprentice.

Jan 2003 to Jan2004.

**Job Projects**

* Executed 100 TPD Air Separation Plant project with Goyal MG GASES PVT. LTD. GHAZIABAD in year 2011.
* Executed Pressure regulating station, Gas compression system and Liquid transfer pump project with Sun Flag Iron & Steel Co.LTD. in year 2011-2012.
* Executed 120 TPD Air separation plant and cylinder filling station project as Instrumentation lead engineer with EIGL in year 2013.

**Education**

* Diploma in Instrumentation & Control Engineering from B.T.E. Lucknow with first Div. in 2002.
* 12th From U.P. Board, with Second Div.
* 10th From U.P. Board, with Second Div.

**Personal Details**

* Date of Birth    : 15th March 1979.
* Address : Ghaziabad Uttar Pradesh.

**Looking for better opportunity.**