

KUNAL RAI

Address: Flat no 304,
Gaurav Retreats,
Silvergate,kulshekhar,D.K.,
Karnataka,India.

PH.NO : +917760316814

E-MAIL : kl5678@rediffmail.com

CAREERS OBJECTIVE

To work in a progressive organization that provides an opportunity to apply and improve my knowledge and skills.

ACADEMIC QUALIFICATION

Bachelor of Engineering in Electronics & Communication from NMAMIT, Nitte, Karkala, Udupi District. (Affiliated to VTU , Belgaum.)

WORK EXPERIENCE SUMMARY

Employer : Doha Petroleum Construction Co Ltd , QATAR.

Position : Instrument Supervisor.

Client: Oryx Gtl Limited,Ras Laffan Industrial City,Qatar.

Duration : 19-11-2019 to 23-05-2020

Project : EPIC OF SINGLE TRIP TRANSMITTER FAILURES CAUSING PLANT TRIP (MOC 1304) AND ICS I/O SEGREGATION TO AVOID SINGLE POINT (MOC 1305) AND PROCUREMENT, INSTALLATION AND COMMISSIONING OF CHANGE MATERIAL FOR CONSTRUCTION FOR ERG AND IRG CS TO SS 316 (MOC 1757) AND UPGRADE PSV AT 112% LOAD (MOC 1373) .

- Responsible for E&I crew and supervising all project activities.
- Ensured instrument equipment works complied with project specifications, company procedures, method statements and quality assurance and controls documentation.
- Reviewing Vendor Documents and making Loop folder for the vendor packages.
- Removal, Installation, repair, calibration, loop checking, commissioning of the following Instrument: pressure transmitters, temperature transmitters, flow transmitters, control valves, pressure gauges, emergency shut down valves.
- Installation/laying of cable tray, cable.
- perform preliminary testing of cable (continuity and insulation resistance as per specification).
- Installation of impulse tubing and testing.
- Provide site support for schneider electric supervisor for panel Installation, changing & replacement of fbm module, internal panel wiring in cabinets.

Employer : Associated Technical Services WLL , QATAR.

Position : Site Engineer(E&I).

Client: Galfar Al Misnad Engineering & Contracting, QATAR.

Duration : 27-12-2018 to 19-06-2019

Project : EPIC FOR ROUTE SURVEY,DESIGN,CONSTRUCTION,INSTALLATION & HOOK UP OF OIL FLOWLINES,GAS LIFT FLOW LINES,PWI SPUR LINES & ARAB D GAS PRODUCTION WELL LINES FOR THE YEAR 2016-2019 IN DUKHAN FIELDS (FLOWLINE PROJECT).

- Responsible for Instrument crew and supervising all project activities.
- Ensured instrument equipment works complied with project specifications, company procedures, method statements and quality assurance and controls documentation.
- Reviewing Vender Documents and making Loop folder for the vender packages.
- Installation, repair, calibration & commissioning of the following Instrument, Equipment: Smart Flow, pressure, temperature transmitters, control valves, pressure gauges, Analogue and digital controllers , Fire & Gas detection/protection systems, ESD (Emergency shutdown), Pneumatic and hydraulic shutdown panels and control systems, RTU Panels.
- Followed all safety practices and procedures and corrected unsafe work practices .

Employer : Pioneer International Construction Company, AIKhobar,KSA.

Position : Site Engineer (Electrical & Instrumentation).

Duration : 10-10-2014 to 30-07-2018

Project 1 :PASTE PLANT PROJECT (ELECTRICAL,INSTRUMENT & MECHANICAL WORKS)

Client : Maaden Barrick Copper Company, Jabal Syed , Madinah ,KSA

- Leading a team of qualified electrical and instrument technicians .
- Installation of ABB switchgear panel and cabling and site support for ABB engineers for commissioning of switchgear panel .
- Installation of MCC panel , Lighting DB panel, UPS and Cabling & site support for Client (ABB) engineers for commissioning of panels.
- Installation of DCS Panels, DCS consoles and cabling Work, Lab equipments , Weighing Scales .
- Installation of impulse pipes, junction boxes, cable trays, cable ducts, conduits, control room panels, laying of cables and installation, Testing, Commisioning of various field instruments (Pressure Transmitter, Temperature Transmitters, Level Transmitters , Flow Transmitters, RTD , Thermocouple, Moisture Analyzer, Metal Detector, Control valve, on/off actuator valves.), Pressure Gauge, Safety valves, PRV .
- Installation , testing of Pull Cord switch, deviation switch, speed sensors, proximity switch in conveyors, Weight Monitoring System of Hopper,Conveyors,
- Installation , testing of Fire alarm control panel, Smoke detector, Heat detector, Fire fighting equipment like fire hose cabinet, fire hydrants , sprinklers & fire fighting equipment pipeline work .

Project 2: WASTE WATER TREATMENT PLANT UPGRADATION PROJECT, SAUDI KAYAN (ELECTRICAL & INSTRUMENTATION WORKS)

Client : Dragados Gulf Construction, Al khobar ,KSA.

- Checking plans, drawings and quantities for accuracy of calculations
- Read and interpret drawings extracting relevant instrument engineering information required for Erection, Installation, Pre – commissioning and Commissioning
- Resolving any unexpected technical difficulties and other problems that may arise.
- Leading a team of qualified Supervisor, Foreman & instrument technicians .
- Installation and Commissioning of Instrument and Systems.
- Inspection of items supplied by the customer.
- Installation of cable duct / tray, junction boxes and air distribution boxes, instruments with Supports, main air piping, control panels, marshalling racks and DCS, consoles and related auxiliary activities & Testing of cables, Main / branch cable laying and terminations, Impulse piping and tubing.
- Calibration of instruments, Loop checking.
- Pressure testing of impulse piping / tubing.
- Assistance in commissioning.

Project 3: DAP WAREHOUSE & ASSOCIATED FACILITIES (ELECTRICAL & INSTRUMENTATION WORKS), MAADEN PHOSPHATE COMPANY, RAZ AL KHIER, KSA.

Client : Dragados Gulf Construction Al khobar ,KSA.

- Leading a team of qualified electrical and instrument technicians .
- Installation of 34.5kv siemens switchgear panel and cabling and site support for siemens engineers For commissioning of switch gear panel also integration with existing panel and scada system.
- Installation of 4.16kv switchgear panel, MCC PANEL, LIGHTING DB PANEL, UPS & DCU PANEL, HVAC PANEL and Cabling & site support for CLIENT (DRAGADOS) engineers for commissioning of panels.
- Installation of Yokogawa Dcs Panels, Dcs consoles and PDP system and cabling
- Work and giving site support for yokogawa engineers for commissioning work.
- Installation ,testing of pull cord switch, deviation switch, speed sensors, proximity switch in conveyors.
- Installation of Yokogawa Dcs Panels, Dcs consoles and PDP system and cabling Work and giving site support for yokogawa engineers for commissioning work.

Project 4: EXTENSION OF WAREHOUSE IN DAMMAM 2ND INDUSTRIAL AREA .

Client : Bischof & Klien Plastic Factory.

- Heading a team of E&I Technicians.
- Handling Calibration and Loop Checking of Instruments
- Co-ordination with client, consultant through out the entire Projects development phase, Attending meetings.
- Coordinates with operations and safety personnel to obtain work permit for planned work to be carried out during Commissioning Stage.
- Read and interpret drawings extracting relevant instrument engineering information required for Erection, Installation, Pre – commissioning and Commissioning.
- Monitoring work progress and ensuring quality work. Reports on proper completion of jobs for the preparation of work completion certificates and verification, Billing and Planning.
- Installation, Testing, Commissioning of Main Distribution Panel, Sub distribution

Panel, Instrument Panels & Fire alarm control panels(Zeta alarm system),Lighting Panels

- Installation of impulse pipes, junction boxes, cable trays, cable ducts, conduits, control room panels, laying of cables and installation, Testing, Commissioning of various field instruments (Pressure Transmitter, Temperature Transmitters, Level Transmitters, Flow Transmitters, RTD, Thermocouple) .
- Installation, Testing, Commissioning of Fire Alarm Control Panel, Smoke Detector, Heat Detector, Fire Fighting equipments like Fire Hose Cabinet, Fire Hydrant, Fire Alarm Control Valve & Sprinkler system & related Piping works.

Employer : ADANI WILMAR LTD, MANGALORE, D.K., INDIA.

Position : INSTRUMENTATION INCHARGE

Duration : 25-05-2011 to 25-02-2014

Roles & Responsibilities

- Involved in the Edible Oil plants erection works, commissioning and maintenance.
- Leading a Team of Six Instrumentation Technician & One Instrumentation Engineer
- Planning required upgradation for instruments to achieve production quality and cost minimizing under the guidance of Technical head
- Installation, Troubleshooting the totally integrated automation TIA from Siemens (PLC simatic S7 400, S7 300, S7 200 + SCADA WINCC) & Allen Bradley (L32E) software and hardware .
- Reporting Weekly To Plant Head/Factory Manager Regarding Maintenance & Project Activities
- Planning and implementing additional control loops as per site requirements
- Maintenance and calibration of pneumatic control valves (Forbes Marshall, Samson, and part turn actuated valves (Elomatic, compact, Rotex & Audco)
- Maintenance and calibration of different analyzers : Conductivity, PH, Turbidity, TDS (Hach instruments) .
- Maintenance and calibration of flowmeters (electro magnet., orifice plate, variable area, ultrasonic) of ABB, Krohne, Rosemount, transmitters PT, LT, TT, DPT (Emerson Rosemount, Endress & Hauser, ABB, Keller, Scientific Instruments....), weighing scale (ETL, JISL, METTLER TOLEDO)
- Guiding the technician to make (Preventive/Reactive/Predictive Maintenance) and give reports
- Guiding technicians for doing calibration of instruments.
- Maintenance & calibration of Adpro and Nova weigh tank weighing machine, Precia molen Check Weighing machine, Adpro Tin filling machine, Samparpan oil filling machine,
- Maintenance of Atlas Copco compressors, chiller (Bluestar, GWK Prasad Chiller), Bevcon ash handling system, Nitrogen Plant (Norgen).
- Experience in Installation of Honeywell CCTV System.
- Ensure Spares balance and inventory control for all instruments' spare parts

Employer : BASF CHEMICALS LTD,SURATHKAL,MANGALORE, D.K. ,INDIA.

Position : Instrumentation Engineer

(Apprenticeship)

Duration: 09.04.2010 to 08.04.2011

Roles & Responsibilities:

- Reporting periodically to Instrumentation Manager.
- Maintenance and calibration of pneumatic control valves (Forbess Marshall, Samson) and part turn actuated valves (Elomatic , virgo, Rotex)
- Maintenance and calibration of different analyzers : Conductivity, PH, Turbidity, TDS (Endress and Hauser) .
- Maintenance and calibration of flowmeters (electromagnet., orifice plate, variable area,ultrasonic) of ABB, Krohne, Rosemount, +GF+, Polysonics
- Maintenance and calibration of transmitters PT, LT, TT, DPT (Emerson Rosemount, Endress & Hauser, ABB , Pepperl & Fuchs.) .
- Maintenance and calibration of weighing scale (ETL,JISL,METTLER TOLEDO)
- Ensure Spares balance and inventory control for all instruments' spare parts

Training

1.ISO 9001,14001, 22000 Trained from INTERTEK.

2.Certified Automation Engineer training from SMEC labs, Mangalore

3.MCSE trained from IIHT, Mangalore.

Personal Details:

D.O.B : 29/9/1984

Nationality : Indian

Marital Status : Single

Language Known : English, Hindi, Kannada & Malayalam.

Passport No : J4006300

Passport Expiry : 1/12/2020

I affirm that the declaration made above are true to the best of my knowledge and will be the basis of my selection.

KUNAL RAI.