Deepak Nayak, Assist. Manager, Instrumentation

Experience: 11 years, Refinery & Petrochemicals

House no. 67,

Sheesh Mahal Colony,

Dabwali Road,

Bathinda

Punjab-151001

India.

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Worked in world’s largest Refinery and Petrochemical Complex in Reliance Industries, Jamnagar for 10 years as Senior Manager in Instrumentation Maintenance.

Currently working in HMEL,Bathinda as Ast Manager Maintenance, Instrumentation Project for commissioning of LLDPE/HDPE Swing plant in Petrochemical Project.

I am looking for more challenging job where I can impart my impeccable skills and experience to enhance growth opportunities and contribute to the success of organisation.

PROFESSIONAL EXPERIENCE

Total Experience: 11 years.

**Current Employer:**

HPCL-Mittal Energy Limited (HMEL), Bathinda, Punjab, India

Experience in HMEL: 1 year

*Assistant Manager, Instrumentation Maintenance, Petrochemical Project, August 2018- Current*

**Previous Employer:**

Reliance Industries Limited, Polypropylene Plant, Jamnagar Refinery, Gujarat, India.

Experience in Reliance Industries: 10 years.

*Senior Manager, Instrumentation, Jan 2016 – August 2018*

*Manager, Instrumentation, June 2010- Dec 2015*

*Graduate Trainee, Sept 2008- May 2010*

* In charge of Fire & gas system of Refinery and petrochemical complex.
* Instrumentation in charge of overall maintenance of Polypropylene plant PP, capacity 3000 TDP for 2 years.
* Troubleshooting of Instrumentation systems and field Instruments in plant.
* Maintenance of Field instruments i.e., Flow instruments, temperature instruments, pressure instruments, level instruments etc.
* Trouble shooting, calibration and maintenance of Control valves (globe, butterfly, ball type), positioners and i/p converters.
* Experience in maintenance and troubleshooting of unit control systems of Reactors, columns, extruder, compressors, pumps and all systems associated with the process plant.
* Working knowledge of INVENSYS FOXBORO DCS and specifications and configurations.
* PLC (Allen Bradley & Seimens) & ESD (Triconex) working knowledge, trouble shooting and fault finding.
* **Certified Radiation Safety Officer**. Maintenance of Radiation based Level transmitters and switches.
* Maintenance of bagging automation systems. Calibration of weighing systems .i.e., Check weighers, Net weighers and Weigh Bridge.
* Analyzers (ABB Vista) trouble shooting, calibration and maintenance.
* Management of F&G devices (Fire & Gas), LEL Detectors and Alarm management system.
* Preparation of Standard Maintenance Procedures, SMP for safe execution of jobs.
* Planning of Preventive maintenance and shutdown activities.
* Daily execution of routine and non-routine maintenance jobs carried out in plant in safe and effective way as defined by Standard maintenance procedure (SMP).
* Daily and weekly planning and scheduling of maintenance jobs and manpower planning.
* Carry out RCA’s and implement RCA recommendations. Root cause analysis and job safety analysis
* Material and Spare management and coordination. Inventory modelling, codification of material, BOM updating for material management. Tracking of PR PO.
* Shutdown job and manpower planning. Budget estimation of shutdown. Report preparation of shutdown.
* Reliability cantered maintenance. Reliability planning and execution along with CES.
* Carry out ESS checklist filling and LLF of control systems and instruments.
* **Trained and certified in Yokogawa Prosafe PLC with NIO for ESD systems.**
* **Trained and certified in Yokogawa Centum VP DCS with NIO.**
* **Trained and certified in Triconex ESD system.**

CORE COMPETENCIES

* DCS, Invensys Foxboro IA Series, Yokogawa Centium VP with NIO.
* PLC Allen Bradley (PLC 5 and Control Logix), Siemens (S5 and S7), Triconex ESD system,

Honeywell Safety Manager, Yokogawa Prosafe PLC.

* Relay logic control systems.
* Field Instruments. (Level, Pressure, Flow, Temperature etc.)
* Control valves (Globe, ON-OFF, Ball, Gate, Butterfly etc.)
* Weighing systems .i.e., Check weighers, Net weighers and Weigh Bridge.
* Analyser online Gas chromatography. (ABB Vista)
* P&ID, Instrument datasheet, cable schedule, Logic diagrams review during projects.
* Shutdown and daily planning of plant.
* Certified RSO (Radiation Safety Officer) by BARC.
* SAP PM Module.
* SIL -
* MS Office, proficient in MS word and excel.

PROJECTS COMPLETED & ONGOING

* Currently working in HMEL, HPCL Mittal energy for Petrochemical project LLDPE/HDPE, Univation Technology, 2X400 KTPA. Looking after instrumentation aspects of project and commissioning of all Compressors, Extruders, DCS , PLC, Analysers, Bagging etc.
* Up gradation of Fire and Gas system in plants (PP and CPP) from AB PLC 5/40 to Honeywell safety Manager
* CPP Syngas F&G system Commissioning. FM200 system commissioning.
* Impact reactor, Extruder ZSK 240, Pneumatic conveying system and Cycle gas compressor Engineering review completed. Commissioning to be completed in March 2017.
* DCS upper layer up gradation to mesh network, Oct 2016.
* Extruder control panel with PLC up gradation from Siemens S5 to S7, Feb-Mar2015.
* Extruder DBN capacity expansion from ZSK300 to ZSK320 and commissioning of hot oil units, Feb-Mar2015.
* Bagging line automation upgraded. Bagging and pelletizer PLC upgraded from S5 to S7. Checkweigher and Netweigher upgraded to XS100 and SpeedAc Nxt respectively. Metal detector upgraded to latest model Vistus along with conveyor. Feb-Mar2015.
* Cycle gas compressor, active magnetic bearing (AMB) control system panel up gradation from E120/60 to E160/60. Oct 2016.
* Pneumatic conveying area control panel power supply redundancy MOC job executed, Feb-Mar 2015.
* Serial communication for data in DCS from compressor panel. March 2014.
* Commissioning of Instrument power distribution panel. May 2011.
* Successfully executed **TURNAROUND/SHUTDOWN ACTIVITIES** in various sites of RIL.

Vadodara - Shutdown of PBR 2 plant (Feb march 2010)

Patalganga- Shutdown of LAB plant (April May 2011)

Jamnagar- Shutdown of Polypropylene plant (Feb March 2011)

Shutdown of Aromatics plant (Nov Dec 2011)

Shutdown of Crude Plant (Jan Feb 2012)

Shutdown of Polypropylene plant (Oct-Nov 2016)

EDUCATION DETAILS

* Dr. MGR Engineering College, Chennai

*B.Tech in Electronics and Instrumentation, 2004-08, CGPA 8.3/10.*

* A.G.Church School, Sodepur, Asansol, West Bengal

*Intermediate, Science, 2001-03, Percentage 69%*

* A.G.Church School, Sodepur, Asansol, West Bengal

*10th, Science, 2000, Percentage 74%*

PERSONAL DETAILS

* Father’s Name : SURYA NARAIAN NAYAK
* Permanent Address : C/O: Baidyanath Nayak,

Upper Kuli,

Banty Bastralaya,

P.O+A.T- Dantoo,

Via-Jainamore,

Dist-Bokaro,

Jharkhand -829121

* D.O.B : 9th December 1982
* Gender : Male
* Marital Status : Married
* Languages Known : English & Hindi.
* Nationality : Indian
* Hobbies : Cricket, music and adventure sports.