ALOK CHANDRA PANDEY

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~ Visionary Technology Professional ~ Maintenance, Operations and Process Enhancements

# AN OVERVIEW

A “**PERFORMANCE DRIVEN PROFESSIONAL”** with rich experience of **over 8 years** in **Maintenance Operations.** Proficiency in managing operation and **maintenance of various equipment** for reducing downtime and enhancing operational effectiveness of equipment.

Effectively conceptualized and completed **various operations pertaining to maintenance repair and modifications and up- keeping of various utilities.** Adept in managing **commissioning activities involving resource planning, in-process inspection, team building and co-ordination with internal / external departments.** Excellent communication, collaboration & team building skills with proficiency at grasping new technical concepts quickly & utilizing the same in a productive manner.

# CORE COMPETENCIES

**Maintenance & Operations:**

 Planning and effecting predictive & preventive maintenance schedules for various equipment to increase machine uptime & equipment reliability.

 Implementing maintenance schedules and carrying out periodic checks to ensure performance and maintaining requisite documents for the same.

 Identifying areas of bottlenecks / breakdowns and taking steps to rectify by root cause analysis, providing technical support for maintenance to ensure smooth operation and repeated faults/repairs.

# Process Enhancement:

 Planning, implementing & monitoring of technological changes to enhance productivity.

 Implementing various techniques for cycle time reduction, entailing identification of opportunities, energy audits, analysis of data, conduction of tests and implementation & post audits.

# Team Management:

 Leading, mentoring & monitoring the performance of the team members to ensure efficiency in process operations and meeting of individual & group targets.

 Creating and sustaining a dynamic environment that fosters development opportunities and motivates high performance amongst team members.

# ORGANISATIONAL SCAN

**Since Nov’19: HPCL, Bhachau, on Third Party (Aarvi Encon Limited and Currently Vishal Expert Services Pvt. Ltd.) as Field Engineer**

# Mar’18 – Mar’19: IMC Ltd., location as Senior Engineer (Operation, Instrumentation)

**Jun’17 – Nov’17: IOCL, Gonda through GE Oil & Gas on Third Party (Authentic HR Solution) as Resident Engineer Role:**

 Managing preventive and corrective maintenance and procurement of instruments.

 Creating IO List, Instrument selection / Data sheet, Control Instrument cable selection scheduling, Instrument Hook-up, Hazardous area Instrument selection & Site experience (Installation & Commissioning)

 Ensuring maintenance and calibration of pressure and temperature transmitters, MOVs, ROSOVs, TSVs, DBBV, DCV, flow control valves, turbine flow meters and various other field instruments

 Working as shift engineer for running the plant in shifts and maintaining & monitoring the plant parameters on continues basis

 Monitor Line pressures, flow rate, density and temperature through on line SCADA & PLC.

 Planning and execution of the maintenance schedule for field Instruments and Valves.

 Implementation of PFD, P&ID & Loop Diagram

# PROJECT DETAILS

 Successfully conducted Onsite and Offsite Mock Drill.

 Actively attended Live Fire & Safety training Programme at HPCL Mundra

# KNOWLEDGE PURVIEW

 Gained knowledge of:

* Server and client configuration along with troubleshooting
* Sugar Plant and Power Plant operation.
* Centrifugal Machine Automation & Mill Automation in Sugar Industry

 PLCs- Allen Bradley, GE Fanuc & Siemens ladder logic development, wiring & Troubleshooting

 Process Instrumentation- RTDs, Thermocouples, Proximity Sensors, Pressure measurement, Flow measurement, Level measurement, Temperature measurement, Vibration measurement, pH measurement, & Density measurement

 Tank Farm Management System (TFMS), Terminal Automation System (TAS), AOPS, to implement M B Lal Committee Recommendations on safety in Process and Automation.

 Pumping, receipt & line pushing operations of pipe line through Station SCADA /PLC/Local.

 ABB ACS 5000 and ABB ACS 500 VFD Programming & Troubleshooting.

 Pipe to soil potential monitoring for CP system.

 Running of Centrifugal pumps on both VFD as well as DOL mode.

 Communication Protocol such as RS232, RS485, & MODBUS.

# PREVIOUS EXPERIENCE

**Jun’15 – Mar’17: HPCL, Mundra, on Third Party (AARVI Encon Pvt. Ltd.) as Field Engineer Oct’12 – Feb’15: UNICON PLC Automation, Lucknow as Instrumentation Engineer SCHOLASTICS**



# B. Tech. in Electronics & Instrumentation Engineering from Uttar Pradesh, Technical University, Lucknow (U.P.) in 2011

SHAPE \\* MERGEFORMAT

# ACADEMIC PROJECT

 **Induction Motor Speed Control by using VFD & PLC**

# IT Forte

Office Automation: MS Office, Installing Hardware & software and Internet utility.

# PERSONAL DOSSIER

Date of Birth: 15TH February, 1989

Marital Status: Unmarried

Languages Known: English & Hindi

Passport No.: R 5748235

Address: Flat No.215, Shridham Appartments, Near Guru Ram Rai school, Rohta road, Meerut -250002