

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, location as Instrumentation Engineer

SCHOLASTICS

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

ACADEMIC PROJECT

- ☞ Induction Motor Speed Control by using VFD & PLC

IT Forte

Office Automatio: MSOffice, Installing Hardware & software and Internet utility.

PERSONAL DOSSIER

Date of Birth:	15 TH February, 1989
Marital Status:	Married
Languages Known:	Telugu, Tamil & English, Hindi
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