

Ashok Kumar

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Date of Birth: 10th November 1989

OBJECTIVE

A quest of career enrichment opportunities in Operation & Maintenance/Team Management in Power plant & Cement Plant or any Process plant.

TECHNICAL SKILL

- ⇒ About 08 years of experience as an instrumentation and control systems engineer in erection & commissioning, detailed Operation & Maintenance, and development co-ordination of instruments and control systems.
- ⇒ Installation, calibration and loop checking of the field instruments (Emerson, Rosemount, ABB, KHD, Fls Smidth, Auma, Allen Bradley)
- ⇒ Maintenance and calibration of the control valves, MOV, ON-OFF valve, Weigh Feeder, VFD, RTD, Thermocouple, Vibration Sensor,
- ⇒ Scheduled training to shift technicians, Standard trouble shooting procedures.
- ⇒ Health monitoring & corrective action to maintain uptime of Controller, I/O cards & operator work station.
- ⇒ Coordinate timely completion of logic modifications in Distributed Control System.
- ⇒ Experienced in various analyzers like SWAS, SILICA, O₂, CO, SOX NOX.
- ⇒ Commissioning of Hart Management System & Electrical Drives.

DOCUMENTATION

- ⇒ Review of control philosophy, P&I diagrams, cause & effect diagrams, instruments list.
- ⇒ Monitor Regular implementation of PM schedules for reliability and availability of instruments.
- ⇒ Regular monitoring of daily checklist & ensure availability of instrumentation by taking corrective actions.
- ⇒ take corrective steps for continuous improvements. Monitor & Improve by using improvement tools & systems.
- ⇒ List of current spares to be updated regularly for easy access at budgeting stage.
- ⇒ Updating Hardware as well as Software documents for easy access at the time of breakdown.
- ⇒ Preparation of various miscellaneous **reports like RCA (Root cause Analysis), Incident report, Trip Report, Risk Assessment (RA)**, if required covering area of equipment performance other statutory requirements.
- ⇒ Preparation of MIS report

AUTOMATION SKILLS

- ⇒ Knowledge of ABB DCS (SYMPHONY HARMONY)
- ⇒ Input/Output assignments, trend defining, logic (Interlocks, PID, Drives, etc) development and modification, Graphics development and modification, general maintenance of DCS hardware like I/O, Processor and communication cards.
- ⇒ PGP, Composer software Installation and Un-installation work for preparation of Standby HIS, Report Generation (Daily, Monthly and Yearly) and Modification, Printer Installation, SOE Configuration.
- ⇒ Tuning parameter saving, project backup, Alarm history backup, report backup.
- ⇒ Knowledge in PLC System of Allen Bradley. Development and modification of ladder logic via RS-Logic5000, modification of graphics, also general maintenance of I/O cards and Communication Card.
- ⇒ Knowledge of ABB 800xA System Via Control Builder and My Profession, 5.0.1, SCADA 4.0

MATERIAL MANAGEMENT

- ⇒ Identifying and procuring the required equipment spares and accessories by proper planning and follow up inspecting and accepting the incoming materials with respect to indents raised.
- ⇒ Maintaining BOM for Instrument apparatus.
- ⇒ Procuring required materials by floating enquiries, conducting techno-commercial comparison, dealing with vendors & so on.
- ⇒ Experienced in the field instruments and control systems procurement activities.
- ⇒ Spares balance investigation and inventory control for all instruments' spare parts.
- ⇒ Knowledge of SAP system.

EXPERIENCE SUMMARY

- Company: Riddhisiddhi Cement Pvt & Ltd
- Plant: Maintenance of kiln 2200TPD, Raw Mill 200TPH,
Cement Mill 120TPH

Designation: Instrumentation Engineer
Duration: March Sept 2018 to Till Date

PREVIOUS EMPLOYER:

- Company: Gorahi Cement Pvt & Ltd (Nepal)
- Plant: Maintenance of kiln 1800TPD, Raw Mill 180TPH, Roller press
110TPH
Designation: Maintenance Engineer-Instrumentation
Duration: Feb 2017 to Aug 2018

- Company: ABB India Limited (TPC EMPLOYEE)

Plant: Thermal Power Plant (6X210 MW)

Designation: Engineer - Automation & Control

Duration: Aug 2012 to 21 Jan 2017

Control System: Symphony Harmony, ABB India Ltd.

- Company: UltraTech Cement Panipat .

Plant: Grinding Unit

Designation: Graduate Trainee

Duration: December 2011 to March 2012

PROJECT EXECUTED

⇒ Erection and Commissioning of Control and Field Instruments for Kiln 2200 TPD ,VRM 200TPH Cement plant Riddhisiddhi Cement Pvt & Ltd

⇒ Erection and commissioning of Control System and Field Instruments for 6x210 MW thermal power plant. GSECL Gujarat.

EDUCATIONAL QUALIFICATION

B.Tech. Instrumentation and Control from PTU ,in 2012 with **71%**.

H.S.C from B.S.E.B,in 2007 with **51%**.

VOCATIONAL TRAINING

GDCL Panipat site (8 weeks)

In-plant training in **Cement plant** with knowing the maintenance process during the Bachelor in Instrumentation and Control Engineering

SAFETY TRAINING

⇒ Isolation & Lockout, Work at Height

⇒ Hot Work, Confined space

SAP TRAINING

Category : Plant Maintenance

Training : 5 Days Training on Plant Maintenance (Corrective and Preventive) and other material management related modules.

Authority : To Create Plant Maintenance Work Orders, To Generate PR, Etc

Yours Faithfully,

Ashok kumar