

ANUPAM PATRA



Mobile: +91 7719368534,
8513071081

Email: anupamm2@gmail.com

Address: CIRCUS MAIDAN, NATUN CHATI,
P O – BANKURA, BANKURA Dist. – 722 101,
WEST BENGAL, INDIA

Seeking for Management position with organization of repute.

SUMMARY:

- ✓ A dynamic professional with around **12+ years** of experience in operation, maintenance & commissioning of equipment's at **Power Plant**.
- ✓ Presently associated with **LOKENATH CONSTRUCTION Pvt. Ltd.**, Kolkata as **Asst. Manager Electrical & Instrumentation** department .
- ✓ Qualified personnel completed B-Tech in Electronics & Instrumentation from Asansol Engineering College.
- ✓ Expertise in project execution, commissioning & maintenance of Electrical motor, Switchgear, PLC & SCADA,VFD, Field and system Instrumentation & Hydraulic System.
- ✓ Strong and decisive leader with excellent organizational and team building skills.
- ✓ Committed about continuous improvement and exploring new opportunities within professional excellence, with an aptitude for addressing cultural diversity.

EXPERTISE:

Commissioning of Electrical system	Field Instrumentation	Operation & Maintenance E & I
PLC & SCADA PROGRAMMING	AC Drives	Equipment Testing & Calibration
Hydraulic System	Industrial Automation	Training & Development
Resource Management	Relationship Management	Logix and HMI Developing

PROFESSIONAL EXPERIENCE:

AKA LOGISTICS Pvt. Ltd. Kolkata
Senior Engineer

(May-08 to Aug-16)

MANAGEMENT ROLE:

- ✓ *MANAGED OF E & I DEPARTMENT , COAL HANDLING PLANT
MAXIMUM HANDLE 2340 MW POWER PLANT (3 NO OF CHP OF THREE UNITS AT A TIME) WITH TEAM SIZE 80 MANPOWER.*
- ✓ *BUILD UP CENTRALISE OPERATION & MAINTENANCE EXCHANGE SYSTEM.*
- ✓ Responsible for planning, implementing of preventive & predictive maintenance scheduling and check list of the plant equipment for safety & smooth functioning, time management.
- ✓ Preparing and implementing shift rosters for resources involved in the project.
- ✓ Accountable for inspecting the quality of material / order and also responsible for material reconciliation, and measuring equipment statutory norms follow.
- ✓ Responsible for keeping track of bills of materials arranging tools and spare material (equipment) for maintenance activities and ensuring its availability.
- ✓ Conducting sessions of on job training and safety tool box talking, SOP of equipment and for better performance & higher productivity, communication.
- ✓ Adept in comprehension layout diagrams of equipment interlock and recommending modifications as per the system requirements.
- ✓ Maintaining 5S system for plant equipment, environment clean and hazard free zone.
- ✓ Maintaining data and record as per ISO stander and Following IMS rules for the equipment checklist.

ENGINEERING ROLE

FROM YEAR 2008- 2016 PLAY ROLE AS ELECTRICAL INCHARGE

- PLC (RS Logix – 500 / 5000) with SCADA (Factory Talk View + RS VIEW 32) commissioning, Logix development, HMI buildup, Hardware assembling and communication establishment.
- Familiar with Instrument network development , communication buildup in between smart transmitter and PLC, field Instruments (RTD, PRESSURE SWITCH, PRESSURE GAUGE, LVEL SWITCH, DP SWITCH, PROXIMITY SWITCH, SPEED SWITCH ,POSITION SWITCH, BELT WEIGHER CALIBRATION ,PSV,CURRENT TRANSDUCER)
- HT & LT SWITCHGEAR TESTING & MOTOR PROTECTION SYSTEM UPTO 6.6KV(MOTOR PROTECTION RELAY, ANTI PUMPING, MUSTER TRIP RELAY,TRIP CKT HEALTHYNESS CHECKING RELAY,UNDER VOLTAGE RELAY,SYNC CHECK) , KNOWLEDGE OF STUDYING GA DRAWING, LAYOUT DRAWING & POWER/CONTROL PHILOSOPHY
- Knowledge about Motor Displacement and overwhelming up to 650 KW & special type motor (stall-torque 1.4-7.7 NM) (DOUBLE STAR MOTOR).
- Responsible for maintenance of battery Charger, lighting & Earthing system.
- HT SWITCHGEAR SYSTEM (6.6 KV) & LT MCC TOTAL SCHEME, Voltage and current transmitter, CT & PT (Protection + Indication) system.

LOKENATH CONSTRUCTION Pvt. Ltd. Kolkata

Asst Manager/Site In-Charge (AUG 16 –TILL NOW)

Primary Responsibilities

Job Purpose

This position manages the effective use of resources to improve plant productivity , safety , Environment and customer service by directing a group of employees:

1. Engaged in the Management, engineering, procurement, quality, schedule & cost of the projects
2. Engaged in the development of engineering standards and Asset Effectiveness.
3. PLC (RS Logix – 500 / 5000) with SCADA (Factory Talk View + RS VIEW 32) Logix development, HMI buildup, Hardware assembling and communication establishment between controllers.
4. Drives (MicroMaster-400, Powerflex-400) maintenance, troubleshooting.
5. HT SWITCHGEAR SYSTEM (6.6 KV) & LT MCC TOTAL SCHEME AND SINCRONISAING SYSTEM, Voltage and current transmitter, CT & PT (Protection + Indication) system
6. Hydraulic system and its different instrument
6. Knowledge of HT & LT BOARD, MCC, DOL/STAR-DELTA STARTER, COMRESSOR, DOZER & LOCO.
7. Defect management system according to plant present situation. recorded it and rectify it for smooth plant running.

Management Responsibility Areas

Ensure adherence to Quality System in the respective work areas such as :

Capex : Planning , Budgeting ,Purchase , Commissioning , reconciliation and benefit Assessment

Purchase: Purchase of Engineering Material and general items, Annual Maintenance Contract, Annual Rate contract.

Store: Inward of Material, Stock Taking, Assessment of new vendors.

Calibration : Inclusion / deletion of equipment for calibration in the annual calibration chart , finalization of frequency of calibration , review of calibration status

Maintenance: Review of Preventive, predictive and breakdown maintenance with team, planning of yearly maintenance and shutdown.

Cost Control : Preparation of Annual Budget for Revenue expenditure such "Stores , Spares , Repairs" and "Power & Fuel" for plant and establish control mechanism

Work in close coordination with other cross functional members to meet organizational business objectives and to mitigate business risk in the areas of material handling, Statutes, Quality, Safety and Environment. Ensure work place hygiene through "Employee Relationship" & "Customer centricity" with respect to Lokenath construction Pvt. Ltd. Context

Key Interactions

Internal

Plant Team : Planning , Production , standardization , Admin and
Accounts , Quality , Safety , Environment

Manufacturing Technology
Supply Chain Resource centre

External

Corporate Accounts
Vendors
Original Equipment Manufacturers
Consultants
Labor commissioner

Extra curriculum activity

##Reduced maintenance cost by **30 %** than previous two year & was promoted to Site In-charge of 3 Site.
##Opportunity for executing 8 new Project & nominated as a member of the Recruitment Cell .

Organization view

- Company wants to promote me for Electrical & Instrumentation Manager of our organization.

MY GOAL IS MAKING SMOOTH WORKING ENVIROMENT FOR MORE OUTPUT AND LESS DEFECT THEN PREVIOUS.

TRAINING:

- ✓ Trained at **The Indian Iron & Steel Co. Ltd., Burnpur** on Blast Furnace, Cock Oven, Oxygen Plant, Heavy Structural Mill and Light Structural Mill.
- ✓ Attended training course on Automation Section including PLC (Allen-Bradley + Siemens), SCADA (Win CC), Drives, Process Control, Industrial Instrumentation and Electrical Measuring System.
- ✓ Attended short term course on PLC & SCADA from **Centre for Electronics Test Engineering (CETE)**.
- ✓ Attended course on Industrial Automation & Process Control from **Institute of Automation and Technology**.

ACADEMIC QUALIFICATION:

- ✓ **B-Tech** in Applied Electronics & Instrumentation from Asansol Engineering College in **2007**.
- ✓ **12th** from Dhadka NCL Vidya Mandir in **2003**
- ✓ **10th** from P. M. Vivekandanda Vidyayatan in **2001**.

IT SKILLS:

- ✓ Operating Systems: Windows 98, 2000 and XP, 7, 10
- ✓ Software Skills: MS Office, AutoCAD 2013, Networking (Control net, Ethernet, Device net). PLC and HMI system(ROCKWELL AUTOMATION)

PERSONAL DETAILS:

- ✓ Date of Birth : August 05, 1984
- ✓ Linguistic Proficiency : English, Hindi and Bengali
- ✓ Hobbies : Playing Cricket, Listening to Music and Net Surfing.