



ANUP KUMAR SHARMA

(Customer Project Manager- O & M)

Total Experience: 8 Years.

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CAREER OBJECTIVE:

I am a competent professional with nearly 8 years of experience in Steel plant. **(TSCR TATA STEEL, Jamshedpur)** & Automobile plant in the fields related to Electrical, Instrumentation, Automation and Wireless systems. I would like to establish a career where I can enrich my skills and knowledge by means of smart work and commitment, while contributing the best of my abilities to the organization I work for.

SKILLS & ABILITIES GAINED UNDER NALCO WATER INDIA LTD. AT TSCR, TATA STEEL, JAMSHEDPUR:

- Responsible for electrical maintenance of all equipment & Instrumentation and established proper maintenance. I have experienced followings:
- Preparation of preventive maintenance schedule.
- Preparing of equipments maintenance check sheets.
- Prepare SOP and should adhere the same.
- Preparing list of equipment and other details and its categorization.
- Planning maintenance activities on daily/weekly/monthly/ quarterly/Half /Yearly and prepare records accordingly.
- Implementing DM, CBM, TBM, TPM, ISO, 5S, TPM, TQM, GFPS breakdown maintenance etc. at site and should maintain all data in log sheet and in soft copy too.
- Carry out roles and responsibility as defined by my Manager.
- Plan and carry out and monitor the plant health maintenance activities to ensure 100% plant availability and reliability.
- Indicating the required spares for regular maintenance to main store for them to procure in time to avoid any plant stoppage due to non-availability of material.
- Doing RCFA and initiate CAPA accordingly.
- Guiding and developing team below me.
- Preparing report and have good relation with client.
- Knowledge on basic of equipment to ensure proper maintenance.
- Maintained all documents for analyzing MTTR. MTBF and others.
- Kept all safety and other display boards updated.
- Kept all the maintenance tools and tackles in good condition and store them as per "5s" standards.
- Perform non-scheduled maintenance on electrical and instrumentation components:
 - Examples of non-scheduled maintenance tasks are the following:
 - Removal and reinstallation of instrumentation probes and contacts.
 - Replacement of Contactor, MPCB, and other switching devices in Electrical panels.
- Planned, carried out and monitor the plant health maintenance activities to ensure 100% plant availability and reliability.
- Breakdown maintenance of the plant in all the shifts (A, B and C shift).
- Drawing of minimum spares from stores and keep the same in the plant.
- Indicating the required spares for regular maintenance to main store for them to procure in time to completely avoid any plant stoppage due to non-availability of material.
- Maintaining the log sheet for the maintenance for complete plant.
- Providing the tag for current date of maintenance and the next scheduled date of maintenance. Keep all safety /

warning displays at appropriate place.

- Plan and Complete maintenance activities during planned shutdown of the plant.
 - Kept all the maintenance tools and tackles in good condition and store them as per "5s" standards. Following all Safety rules and regulation
 - Plant house Keeping and up keeping
 - Maintaining calibration solution for all field instrument
 - Periodic calibration of field instruments / lab instruments
 - Followed ECPL procedure during maintenance and following all safety procedures.
 - Knowledge on PLC Program, understanding logics & identify the problems related to PLC program.
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PROFESSIONAL EXPERIENCES:

1) NALCO WATER INDIA LTD. AT TSCR, TATA STEEL, JAMSHEDPUR

JAN,2019 Till Date

(Jamshedpur Jharkhand-India)

Company Profile: Global Leader in Water, Hygiene, Energy Technologies, Services and Electrical Utility Maintenance.

Profile: Manager Maintenance

Responsibilities

- "SAFETY" is my responsibility and I'm responsible for all contractors' staff safety. Risk assessment of entire activity and control measures taken accordingly to mitigate those hazards.
- Involving team and safety coordinator for successfully complete OHSAS and Contract Safety management system audit for entire TSL (JSR & KPO) sites.
- Handling 3 sites, Coordinating the site and office, Planning and executing the daily work in site, Troubleshooting the technical issues, getting process improvements and following financial progression like production Invoice
- Responsible monthly invoice to M/s. Tata – O & M of TSCR, JCAPCPL and COBP@KPO water systems and also responsible for contractor's bill to control the site expenses, R&M cost and manpower cost on monthly basis.
- Handling the Operation and Maintenance of equipment's installed in (I) Thin Slab Caster and Roller of (TSCR) water system, (II) COKE by product plant at KPO of M/S. Tata Steel (Both are announced one of the Model Pump House inside the Plant) and (III) JCAPCPL WWTP system.
- Implement TCO (Total Cost of Operation) concept at LD3 TSCR through identifying water and energy saving projects.
- Preparing and follow the Standard Operating Procedure for all type of operation and maintenance activities.
- Responsible for preparing 52-week Preventive Maintenance schedule for all installed equipment's
- Responsible for Timely completion of all equipment's Preventive Maintenance checklist.
- Making Pictorial SOP for critical operation and maintenance activities as per customer requirement.
- Build cordial relationship with customer and fulfill their expectation as per monthly targets.
- Plan and perform for monthly and yearly shutdown with the help of MS Project tool.
- Analyze the major cause of machine break down and minimize by following the RCFA system.
- Maintain the critical spares list for all equipment and regularly communicate with customers to fulfill the minimum stocks.
- Communicate daily activities to customer by follow up daily and weekly management system.
- Control the repeated break downs by analyzing MTTR and MTBF
- Organize and Providing the weekly training to all contractor staff about the safety, Process and Maintenance to develop available resources and also for smooth operation and Maintenance of Plant.
- Allocate the manpower as per their technical skills and improve work quality.
- Improve the process with help of kaizen activities
- Maintain the horizontal pumps and vertical turbine pumps up to flow rate 2900m³/hr.
- Handle the High-pressure filters with pneumatic valves.
- Implementing TPM, 5'S & Safety activities at site.
- Implementing most power full tool "Daily Management" for O&M at site to increase equipment availability.
- Facilitating and implementing TPM activities at site.

- Handling the HCP, VT pumps, cooling towers, Filter press, WWTP, High pressure & flow pumps.
- Control the accidents by following the safety rules as per customer standards.
- Conducting daily safety meeting.
- Coordinate with sub-contractors to achieve the targets.
- Conduct the weekly meeting with customer and fulfill their requirement.
- Coordinate with other departments to improve the process efficiency & availability.
- Developing leaders under me to take the equal responsibility by conduction trainings.
- Initiating good improvement projects to controls Total Cost of Operation (TCO)
- Align with customer's campaign and develop the team for any new initiative.

1) M/S LOTUS WIRELESS INDIA PVT. LTD:

JUNE, 2017 to Dec'18

(Jamshedpur, Jharkhand-India)

COMPANY PROFILE: Lotus Wireless is India's leading Wireless Technology provider for Power, Steel, Port, Mining and Transport Sector.

PROFILE: ERECTION, INSTALLATION & COMMISSIONING ENGINEER

ROLES AND RESPONSIBILITIES: TECHNICAL

- Currently, dealing with the Torpedo positioning project in TATA STEEL PLANT, Jharkhand.
- Handled the Radar based Oven identification systems for Loco in TATA STEEL PLANT, Jharkhand.
- Erection and commissioning of Process automation system for coke oven plants.
- Active role in execution of Radar based Oven Identification and Machine interlocking System project for RSP Coke oven plants, Rourkela.
- Design of Beiger electronics and Advantech HMIs and their programming.
- Erection, installation and commissioning at site, related to electrical and wireless equipment's.
- Handling of customer complaints and providing remote support for trouble shooting, getting the material repaired and monitoring of warranty complaints.
- Monitoring of day to day work progress at site. Taking responsibility for the safety of personnel and see that they use PPE's and proper SOP's.

MARKETING:

- Clarify technical queries of customers in pre-sales meetings.

2) M/S NATH & SONS. (UNDER NALCO WATER INDIA LTD.) AT TSCR, TATA STEEL, JAMSHEDPUR

(Jamshedpur Jharkhand-India)

JULY'16 to JUNE'17

COMPANY PROFILE: A vendor Organization for Electrical Utility Maintenance, handling 3 MTPA Water Treatment Plant of 'TSCR Zone at TATA STEEL Works.

PROFILE: MAINTENANCE ENGINEER (ELECTRICAL & AUTOMATION)

- Responsible for smooth operation & maintenance of electrical Switchgears, Circuit Breakers, Fault tracing Commissioning field instrument (in foundation field bus protocol), PLC (Allen Bradley).
- Working online PLC programming in RS Logix5000 version18 (Ladder logic & FBD).
- Instrument configuration using RS Fieldbus & HART.
- Maintenance and troubleshooting of field instruments like LIT, PIT, FIT, TIT, PIS, LS, FIS, XV and MV.
- Knowledge of SCADA development in Wonder-Ware In-Touch Ver. 10.0 and its interfacing & configuration.
- Maintenance and trouble shooting of HT panel (Make- AREVA).
- Minimum breakdown maintenance, shutdown job maintenance, condition-based maintenance, time base maintenance, TPM activities and Safety awareness.
- Design activities like preparation of systems, Spare planning of Instrument and prepare of Instrumentation Specification and SOP. Control schematic, Cable schedule, Logic Diagram, Field Instrument Layout, Inspection and Analysis
- Manpower handling consisting of team of Supervisor and Technicians.

3) **BADVE ENGINEERING LTD.** :

MAY'15 to JUNE'16

(Pune Maharashtra-India)

COMPANY PROFILE : An ISO/TS 16949:2002 Certified Organization Manufacturing Automotive Components & chassis for Auto-motive industries like Bajaj Auto Ltd.

PROFILE: MAINTENANCE ENGINEER (ELECTRICAL & AUTOMATION)

- Involvement in Emergency Breakdown, Preventive & Predictive maintenance of Plant machineries & Utility Equipment's.
- Involvement in Installation & commissioning of equipment's, Standard safety practices, various systems like 5S, Kaizen, TPM, Maintenance Records & Monitoring practices.
- Functional Knowledge & Understanding of Panasonic & Fanuc (CO2, MIG & MAG) welding Robots.
- Robot Controllers: Panasonic-GIII YA Series & Fanuc-Arc Mate 100iC, 100iB, 120iC.
- Worked in Welding Power Source's: PANASONIC YD-350 & 400, LORCH, LINCOLN P-Series, ZUPER ARC 300 & 400 and SIGMA; Wire Feeder: Auto Drive 4R100, Panasonic YW-CNF Series; AC Servo Motor Units: APU Series; Safety Holder: YA-1AH011T Series
- Functional Knowledge & Understanding of Teach Pen-dents.
- Working online PLC programming in CODESYS 2.3.
- Knowledge in Panel wiring, commissioning and troubleshooting.
- Knowledge of Paint & Weld Processes.
- Manpower handling consisting of team of Supervisor and Technicians.

4) **M/S NATH & SONS. (UNDER NALCO WATER INDIA LTD. AT TSCR, TATA STEEL, JAMSHEDPUR)**

(Jamshedpur Jharkhand-India)

AUG'12 to FEB'15

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EDUCATIONAL CREDENTIALS:

COURSE	INSTITUTION	UNIVERSITY/BOARD	YEAR OF PASSING	AGGREGATE
B. E (Electronics and Communication Engineering)	Annamalai University	Annamalai University	2012	7.23 CGPA 65 %
HSC	Kathuria Public School, New Delhi	CBSE	2007	68.2 %
SSC	St. Johns School, New Delhi	CBSE	2005	67.8%

PROJECTS & ACHIEVEMENTS AT TSCR, TATA STEEL, JAMSHEDPUR :

- Modified logic for Washer Beam of Filter Press for better cloth washing
- Configuring AUMA motorized valve in Foundation Field Bus with PLC & SCADA.
- Received "**Certificate of Excellence for Poster Competition**" at National Safety Week Celebration Sep'2014 from Engineering Manager of **Nalco Water India Ltd.**
- Received "**Certificate of Appreciation as Safety Champion**" at National Safety Week Celebration Sep'2014 from Engineering Manager of **Nalco Water India Ltd.**
- Introduced the concept of 'Visual SOP'.

TECHNICAL QUALIFICATION:

- Obtained Advanced Training in Industrial Automation (ATIA) from Technocrat Automation Pvt. Limited (IAO Accredited) Chennai, with 2 months hands on practical experience in Industrial Automation Tools specializing in PLC, DCS, SCADA and VFD.

VOLUNTEERING EXPERIENCE:

- Volunteered in Red Cross BLOOD DONATION CAMP in college in September 23rd, 2011.
- Acted as a training and placement officer 2012 (student representative).

COMPUTER SKILLS:

Office Package : Microsoft Word, Microsoft Excel, Microsoft Access, Microsoft PowerPoint, Microsoft Outlook Express.

Operating Systems: Windows 2000, Windows XP, Windows Vista.

AT LOTUS WIRELESS TECHNOLOGIES INDIA PVT. LTD.

Clients	:	Rourkela, Bhilai steel plants, Bhushan and Tata Steel plants
Project	:	Oven Identification & Machine Interlocking system
Programming Language	:	Opto script and Ladder logic
Communication Protocols	:	Modbus RTU, Modbus TCP/IP and Profibus
Hardware	:	Controllers, Fatek PLC, Radio modems & RADARs

PERSONAL PROFILE:

Father's Name	: Mr. NAND KISHORE SHARMA
Gender	: Male
Date of Birth	: 14th Jan' 1989
Languages Known	: English, Hindi, Bengali and Punjabi
Hobbies	: Internet surfing, Computer games, Playing Guitar
Passport Number	: L1971830
Valid till	: Sep 2023
Address	: H.NO-200, Bhuiyadih, P.S-Sitaramdera, Dist-EastSingbhum, Jamshedpur, Jharkhand, Pin- 831001
Current Salary	: 5 LPA
Expected Salary	: 7 LPA

DECLARATION: I hereby declare that the above-mentioned information is true to the best of my knowledge.

Date: 24/12/2020
Place: Jamshedpur



Anup Kumar Sharma