

MUBARAK ALI ZINDA

Electrical Engineer- CMRP Certified

Tuticorin (DT). 628151. Tamil Nadu. INDIA

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Accomplished, proactive engineer with significant experience around 11 years including 8 yrs of KSA in Construction, Operation and Maintenance of Power boilers High Energy Arc Ignition system, Flame Scanning System, Operation and Maintenance of Water treatment plants, Irrigation and Gas metering stations, HT & LT Transformers , MV & LV Switchgears, Bus Ducts, HT & LT Motors and UG Power cable in Saudi Arabia and India. Possess Extensive education qualification with Bachelor's degree in Electrical and Electronics Engineering and NEBOSH-IGC. Recognized for strong adhere to Safety, ability to work well as team leader and member. Proven technical interpersonal communication skills, excellent client , contractor management skills with the innate ability to build strong, lasting and mutually beneficial relationship.

TECHNICAL SKILLS

- Electrical QA/QC & Safety
- Facilities Operation & Maintenance
- Electrical Installation, Commissioning and maintenance
- Project Coordination and reporting
- Data Collection and Analysis
- Clear Communication & Leadership
- Critical thinking and Problem solving.

CERTIFICATIONS

CMRP



NEBOSH-IGC



COMPUTER SKILLS

- Microsoft Office (Word, Excel, PowerPoint)
- SAP
- Email.
- Primavera P6.
- Dashboard.

PROFESSIONAL EXPERIENCE

Position: Electrical Engineer

Client : Sadara Petrochemicals, Saudi Arabia

Working Period : DEC 2019 - Present

Position: Electrical Engineer

Client: Saudi Aramco and Royal Commission Jubail

Company: Zamil Group -KSA.

Working Period: JULY 2014 to OCT 2019 (5 Years)

Position: Electrical Engineer

Company: Madura Coats Pvt Ltd, India.

Working Period: MAY 2012 to JUN 2014 (02 years)

Position: Assistant Electrical Engineer.

Company: Boiler Controls Pvt Ltd, India

Working Period: May 2011 to May 2012 (01 Year)

Company: SADARA PETROCHEMICALS, SAUDI ARABIA

Electrical Engineer from 07.12.2019 to present

- Coordinating with department supervisors to meet cost effective and quality maintenance requirements without disturbing regular operations.
- Performed test of electrical systems to ensure safety, reliability, quality and sustainability.
- PPM and CM: Facilitate creation of equipment's preventive and predictive maintenance strategies. These includes HVAC, electrical systems, fire protection equipment, sanitary and sewer system, potable water system, building infrastructure and others.
- Arranging required spares and resources to perform corrective maintenance through procurement and executing the job in time to normalize operations.
- Providing technical support to perform instrument and process calibrations.
- Monitor daily operational activities through analysing daily logs to ensure process compliance is consistent as per procedures and standards.
- Assisting to develop Digital and PLC programs to improve operating efficiencies and process troubleshooting in sanitary lift stations.
- Collects equipment data and register them in SAP/CMMS in coordination with PPM Coordinator
- Collaborate with Reliability Engineer, PPM Coordinator and Planner for improvement of PPM strategies and design improvement through continuous review.
- Identify spare parts needed and coordinates with Material Engineer for registration of spare parts in CMMS and following continuously.
- Working with work originator and PPM coordinator for advance troubleshooting of equipment.
- Working with Planner for specifying the resources required, correct spares and defining clear job scope to the team involved in performing the job.
- Evaluating the need for new equipment, responsible for the justification, writing specifications, arranging purchase and installation.
- Secure maintenance contract for special equipment that needs service in collaboration with contract administration.
- Drafted new PM procedures for new and existing equipments as per the OEM recommendation/Industrial best practice.
- Providing technical support to Operations team for improvements and special project requirement.

Company: SAUDI ARAMCO and ROYAL COMMISSION, JUBAIL

Electrical Engineer 03.07.2014 to 31.10.2019

- Review and updating QMS documents, method of statement and ITPs for all electrical activities
- Supervise and Monitor all electrical activities- Installation of Cable, Cable tray, Lighting, Distribution control panel, all electrical equipment and grounding system, etc.
- Perform routine inspection and document result in accordance with approved CPI procedures.
- Follow up and implementation of safety activities such as tool box meeting, safety demo etc., with safety team
- Monitor activities of supervision contractors and construction contractors.
- Witness and verify electrical tests such as continuity test, megger test, component MV and LV test.
- Review and update Electrical inventories list as the new project handover.
- Project inspection for Initial Acceptance, Final Acceptance and preparing deficiencies list to rectify and documenting the reports.
- Preparation of QA/QC reports, Nonconformance reports regarding electrical equipment installation, testing and commissioning.
- Ensure that all equipments are calibrated and with valid calibration certificates.

- Reviewing all technical drawings, IFC drawings, shop drawings and ensure the ongoing activities are as per the IFC drawings.
- Review and update O&M manuals, inspection reports, calibration reports, warranty/guarantee certificates.
- Conducting inspections of all electrical material before storage, installation and after installation.
- Inspection on Troubleshooting technical problems for equipment and systems
- Performing routine inspections and ensuring smooth functioning of equipment and systems
- Assisting to diagnose problems by reading blueprints and product manuals.
- Responding in a timely manner to equipment failures.
- Communicating with the manager and keeping him posted on all work progress

Company: MADURA COATS PVT LTD, INDIA

Electrical Engineer from 21.05.2012 to 01.06.2014

- Coordinated in Installation of 2000 KVA, 1000 KVA Transformer with air circuit breakers
- Installation of Medium voltage panels, Subswitch panels and distribution boards with supply voltage 440,230AC.
- Assisted in Installation, Erection commissioning of transformer rating 750 KVA and 1000 KVA
- Operation and Maintenance of 500 KVA and 1000 KVA Emergency Diesel Generators.
- Project co-ordination with manufactures/contractors/sub-contractors /testing &commissioning team for completion of projects
- Project co-ordination with Civil, MEP and instrumentation team for the execution of electrical works.
- Carried out the Material/equipment inspection and follow up for the proper storage system of inspected materials at site.
- Well knowledged in power plant based ignition system and flame scanning system.
- Follow up and implementation of safety activities such as safety tool box talks, safety meetings
- Hands on Experience in the Operation and Maintenance of Sewerage Treatment Plant, Effluent Treatment Plant, Membrane Bioreactor Plants. Water quality analysis at the Chemical Laboratory.
- Quality Assurance and Quality Control (QA/QC), Health and Safety Environment (HSE), Process Control, Monitoring and Trouble Shooting of equipment.
- Prepare Test plans, Supervise and Coordinate Commissioning activities of GIS & AIS Equipment,
- Power Transformers, Reactors, Control & Protection Panels, LCC Panels, SAS systems, PT's, CT's, and AC/DC System, UPS, Batteries & Battery Chargers, HVAC.
- Installation, Operation and maintenance of Ultra filtration (UF), and Pressure Sand filtration (PSF) systems.
- Supervisory Control and Data Acquisition (SCADA) monitoring and Control.
- Operation and Maintenance procedures, Environmental aspects of Waste water treatment Plants.

Company: BOILER CONTROLS PVT LTD, INDIA

Assistant Electrical Engineer from 01.05.2011 to 30.04.2012

- Listing the electrical jobs to be carried out and assisting the team getting material & manpower; arrange for persons for preparing panel board, installation & commissioning
- Assist the team carrying out breakdown & preventive activities of plant machineries, factory electrical distribution network, lighting etc.
- Preparing a list of spare parts required.
- Developing procedures for preventive maintenance activities to be carried in the plant.

- Maintaining a daily log book of units and jobs carried out
- Assisting the team carrying out testing of transformers and circuit breakers.
- Resistance checking of earthing pits
- Assisted installations and observed operations to ensure conformance to design and equipment specifications, and provided technical assistance to field personnel in the areas of high voltage distribution equipment and high voltage motors/generators
- Diagnose malfunctioning systems, equipment, and electrical parts, via using test equipment to identify the cause of breakdown; fix the problems and connect wires to circuit breakers, transformers and other components within designated schedules
- Troubleshooting technical problems for equipment and systems
- Preparation of monthly Operation Report and Analytical reports of the construction activities in Effluent Treatment Plant.
- Good technical Experience in the Installation of Membrane Bio-Reactor (MBR) technology.
- Performing routine maintenance and ensuring smooth functioning of equipment and systems.
- Plan and arrange the necessary factory inspection & site inspection
- Inventory inspection: Spares listing and availing spares.

ACADEMIC QUALIFICATION:

- Bachelor Degree in ***Electrical & Electronics Engineering*** from Anna University with 73.8% (Apr '2011)
- **CMRP**-Certified Maintenance and Reliability Professional
- **NEBOSH**-International General certificate in Occupational Health & Safety.
- Electrical Safety Training as Per **OSHA 29 CFR 1910 and NFPA 70 E**.
- Training on IMS System- **ISO 9001:2008, ISO 14001:2004 & OHSAS 18001:2007**.
- **Primavera P6-Project Planning**.

ACHIEVEMENTS

- Received Best Employee of the year from ZAMIL in Royal Commission Project, Jubail – 2018
- Achieved 100,00 LTI Safe Man hours in Royal Commission Irrigation Project, Jubail - 2018 .
- Certified Electrical Engineer in Saudi Council of Engineers-KSA.
- Approved Work Permit receiver from Saudi Aramco- KSA .

Personal Details

Date of birth	20.05.1990
Nationality	Indian
Languages known	English, Hindi, Tamil and Malayalam
Marital Status	Married
Father's Name	S.Zinda
Passport Number	K9945596
Date of Expiry	21.02.2023
Saudi Driving License	04004110239163 valid till 20.04.2025

I hereby declare that all the information given in above resume is true to best of my knowledge and belief.

Mubarak Ali Zinda