

Mohammad A W Siddiqui

Mechanical Engineer (Process Plant Maintenance / EPC Project Execution)

Total Experience: 19+ years

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Professional Summary

Highly experienced Mechanical Engineer with 19+ years in process plant maintenance and EPC project execution. Adept at managing large teams, ensuring operational efficiency, and executing maintenance strategies to optimize production. Skilled in troubleshooting, equipment installation, and breakdown analysis to minimize downtime.

Key Skills & Expertise

- Process Plant Maintenance & EPC Project Execution
 - Preventive, Predictive & Breakdown Maintenance
 - Root Cause Analysis & Incident Investigation
 - Static & Rotating Equipment installation and planned Maintenance
 - Safety Compliance & Risk Assessment
 - Team Leadership & Project Coordination
 - Material Procurement & Inventory Management
 - Client & Consultant Coordination
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Work Experience

Mechanical Engineer – Process Plant Maintenance

Emirates Global Aluminium (EGA) | September 2017 – Present

- Perform maintenance on process plant equipment to ensure streamlined production.
- Conduct installation, repair, and preventive maintenance of machinery.
- Execute root cause analysis to minimize breakdown time.
- Ensure availability of critical spares for preventive and breakdown maintenance.
- Lead safety meetings, risk assessments, and toolbox talks.
- Manage maintenance of PTM (Pot Tending Machine), EOT cranes, pumps, compressors, gearboxes, exchangers, hydraulic & pneumatic systems.

Senior Mechanical Engineer – EPC Project Execution

Larsen & Toubro Ltd. | Nov 2006 – May 2016

- Supervised and executed EPC projects from start to commissioning.
- Reviewed engineering deliverables, GA drawings, and P&ID diagrams.
- Coordinated with clients and consultants to resolve technical deviations.
- Managed material requests, procurement, and inventory control.
- Led work progress meetings and certified contractor billing.
- Conducted safety inspections and ensured compliance with industry standards.
- Oversaw multi-disciplinary engineering teams and resource planning.

Key Projects Handled:

- **TATA Kalinganagar Refinery** – Coke oven gas by-product plant & SRU (Sulphur recovery unit)
- **Jindal Shadeed LLC, Oman** – Electric Arc Furnace & Bulk Material Handling Project.
- **TATA Jamshedpur** – Thin Slab Caster, Wastewater Treatment Plant, Blast Furnace Expansion.

Maintenance In-Charge

Jindal Iron and Steel Co. Ltd. | June 2016 – September 2017

- Managed process plant maintenance operations, ensuring minimal downtime.
- Allocated resources and scheduled maintenance tasks per client requirements.

Maintenance Supervisor

Sri Sai Ram Enterprises (TATA Power Jamshedpur) | March 2003 – April 2004

- Maintained power plant steam turbines, boilers, and utility systems.
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Education & Certifications

- **Bachler of Tech in Mechanical Engineering** – J.R.N. Rajasthan Vidyapeeth University
 - **Diploma in Mechanical Engineering** – S.B.T.E. Board, Ranchi (77%) (2003)
 - **Government of India Apprenticeship Certification** – Eastern Railway Workshop (April 2004 – April 2005)
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Technical Skills

- Maintenance of Static & Rotating Equipment
 - Hydraulic & Pneumatic Systems
 - Project Planning & Execution
 - SAP & Computerized Maintenance Management Systems
 - AutoCAD & P&ID Interpretation
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Personal Details

- **Father's Name:** Abdul Wahid Siddiqui
 - **Marital Status:** Married
 - **Languages:** English, Urdu, Hindi
 - **Permanent Address:** RAFAT MANZIL, Ho. No. 17, Road No. 07, Azadnagar Mango, Jamshedpur-832110, Jharkhand, India
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Declaration

I hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Thanks and Regards

Mohammad A W Siddiqui

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