

CURRICULUM VITAE

Tarani Maity

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Professional Summary

Dedicated and results-driven Production Engineer with hands-on experience in battery manufacturing, process optimization, and production planning. Skilled in ensuring smooth plant operations, quality compliance, manpower handling, and continuous improvement to achieve cost efficiency and high productivity. Seeking to contribute expertise in production engineering to drive operational excellence in a reputed battery manufacturing company. Core Competencies

Professional Experience

Exide Industries Ltd - Junior Officer

Feb 2021 – Present

- Supervise and monitor day-to-day production activities in grid casting, pasting, curing, and formation sections of lead-acid battery manufacturing.
- Implement process controls to maintain quality standards and reduce rejection rates.
- Coordinate with QA/QC, Maintenance to resolve process issues and support new product development.
- Plan and allocate manpower, ensuring adherence to safety protocols and productivity targets.
- Maintain production records, shift reports, and ensure compliance with ISO standards.
- Identify opportunities for cost saving and process improvement through lean manufacturing practices.
- Experience in SAP PP

BRG Iron & Steel Co Pvt Ltd. – Junior Engineer

Feb 2015 – Jan 2021

- Assisted in supervising daily tube mill production operations including slitting, forming, welding, sizing, and cutting.
- Supported machine setup and alignment for different tube sizes, gauges, and material grades.
- Monitored process parameters (rolling speed, weld seam quality, coolant flow, temperature, pressure) to ensure stable production.
- Conducted in-process quality inspections for tube dimensions (OD, thickness, ovality, length) and surface finish through Vernier, micrometer, hardness check instrument
- Coordinated raw material handling (coil loading, strip feeding) and ensured optimal utilization with reduced scrap.
- Assisted maintenance team in preventive and breakdown maintenance to minimize downtime.

- Prepared daily production logs, rejection analysis, and downtime reports for management.
- Ensured adherence to workplace safety, ISO, and 5S practices across the production line.
- Collaborated with senior engineers, quality, and maintenance teams for smooth production flow and timely order execution.
- Monitored cement manufacturing quality across shifts, ensuring compliance with production standards.
- Conducted lab analysis, process adjustments, and daily reporting.

Education

Diploma in Mechanical - Birla Institute of technology (Govt.of W.B) -From 2012 to 2015 -Marks 82.3%

Higher Secondary from WBCHSE in 2011 -Marks -64%

Madhyamik from WBBSE in 2009-Marks-76%

Certifications

- 3 Month certification in CNC Lathe from Calcutta Tool room.

Additional Information:

Languages: English, Hindi, Bengali

Date of Birth: 06/09/1992

Family Member: Mother, Sister, Wife

Marital Status: Married

Village: JagannathPur, Paschim Medinipur,721641