Shivam Tiwari

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Surat, Gujarat, India

PROFESSIONAL SUMMARY

Detail-oriented and diligent Mechanical Engineer with hands-on experience in quality assurance and inspection across the medical device and steel manufacturing industries. Adept in conducting root cause analysis, implementing quality improvement initiatives, and ensuring full compliance with regulatory and safety standards. Known for technical expertise, strong documentation skills, and a proactive, problem-solving mindset.

EXPERIENCE

Quality Assurance Officer

Sahjanand Medical Technology, Surat | *2021 – Present*

- **Conduct in-process quality checks at every production stage.**
- **Ensure accuracy and compliance by reviewing Batch Manufacturing Records (BMR).**
- **Issue line clearance for every step in the batch manufacturing process.**
- **Maintain comprehensive documentation and support internal audits.**

SKILLS

- In-Process Quality Assurance (IPQA) for Medical Devices (Drug-Eluting Stents)
- Line Clearance (Batch Manufacturing)
- GDP Compliance (BMR/BPR Management)
- GMP & SOP Adherence
- Process Mapping & Improvement
- ISO 13485:2016 (Medical Devices)
- QMS Documentation & Maintenance
- Basic Calibration & Validation Knowledge
- Basic NCR, CCF, CAPA Knowledge
- Internal ISO 13485 Auditing
- ETO Sterilization (ISO 11135:2014)

PERSONAL DETAILS

- Linkedln - www.linkedin.com/in/shivam-tiwari-6b63b8165
- Languages: English, Hindi, Gujarati
- Nationality: Indian

QC Inspector

ArcelorMittal Nippon Steel India Ltd (formerly ESSAR Steel) | *Feb 2020 – Oct 2020*

- Performed quality control interpretation, evaluation, and technical reporting.
- Ensured process alignment with industrial standards and company procedures.
- Supported QA team in maintaining production integrity.

EDUCATION

- **B.E. in Mechanical Engineering — GEC, Dahod (GTU) | *2015 – 2019* | CGPA: 7.46**
- HSC (Science) — Saraswati Hindi Vidhyalaya | Gujarat Board | *2015* | 60%
- SSC — Saraswati Hindi Vidhyalaya | Gujarat Board | *2013* | 77%

PROJECTS

Borewell Child Rescue Robot

Selected under GTU SSIP (Student Startup & Innovation Policy)

- Designed an innovative robotic mechanism using servo motors, pressure sensors, and a rescue module to safely lift trapped children.
- Led programming and mechanical design under faculty supervision.
- Recognized at the state level for innovation in emergency rescue automation.