

UPENDRA KUMAR

upendrak256@gmail.com • +91 8447606169 • Harini Men's Hostel & PG, Block- A, Flat no. 404, Jubilee Enclave, Hyderabad, India • <https://www.linkedin.com/in/upendrakumar>

SUMMARY

Bachelor of Technology in Mechanical Engineering with extensive experience in the installation and inspection of offshore oil and gas structures, including Dynamic Umbilical, Flexible Riser, and subsea spool fabrication. Proficient in QA/QC procedures, welding, material inspection, NDT, and adherence to international codes and standards (AWS, ASME, ASNT, API, DNV, NACE).

EXPERIENCE

TechnipFMC, Installation Engineer

Jan 2024 - Present

Spearheaded high-level activities including methodology, deck layout, and lift plan for tendering/pre-feed/feed, ensuring project efficiency and compliance with HSSE regulations. Developed and implemented comprehensive mobilization/installation procedures, including technical details and equipment specifications, resulting in streamlined operations. Conducted constructability reviews and participated in HIRA, enhancing project safety and quality, and ensuring adherence to international standards.

DNV, Surveyor

Jun 2016 - Jan 2024

Conducted comprehensive validation and inspection of valves, including torque/pressure measurement and dynamic testing, ensuring compliance with international standards and enhancing operational reliability. Spearheaded the installation and inspection of flexible risers and dynamic umbilicals, implementing HSSE regulations and ensuring project safety and compliance. Monitored and witnessed the installation of Jacket, top modules, and bridge, ensuring adherence to HSSE standards and optimizing project efficiency.

KYMER AUTO PRIVATE LIMITED, Senior Quality Control Engineer

Jan 2014 - Jun 2016

Reviewed purchase orders, material specifications, drawings, and incoming material test certificates, ensuring compliance with project requirements and standards. Performed and reviewed WPS, PQR, WQT, and calibration of equipment and instruments, optimizing construction methods and ensuring quality control. Coordinated inspection activities, including material identification, fit-up, weld visual, NDT, and final inspection with TPI and customers, enhancing project efficiency and safety.

Techno Fab Manufacturing Ltd, Quality Control Engineer

May 2011 - Jan 2014

Reviewed purchase orders, material specifications, and drawings, ensuring compliance with project requirements and international standards, enhancing project efficiency and safety. Conducted inspections of incoming materials, fit-up, welding, and NDT as per approved QAP and drawings, ensuring adherence to HSSE regulations and quality control. Performed final dimension inspections and NDT as required, and oversaw painting and stenciling inspections, ensuring customer satisfaction and project compliance.

EDUCATION

M.G.R. Educational and Research Institute, Chennai

Bachelor's Degree • Mechanical Engineering

LICENSES & CERTIFICATIONS

ASNT NDT Level II

Nest Institute of NDT • Issued Apr 2023

SKILLS

Oil and Gas • Offshore Oil and Gas Operations • Subsea Engineering • Operations Management • Lifting Operations • Rigging Safety • Procedure Development • Verification and Validation (V&V) • Third Party Inspection • Quality Control

HONORS & AWARDS

Recognized as a best current employee along with few more colleagues.

Techno Fab Manufacturing Ltd •