

NIVIN VARKEY

PROJECT ENGINEER | SHOP COORDINATOR | FABRICATION & ENGINEERING

Abu Dhabi, UAE | +971-58-966-2260 | nvnivinvarkey@outlook.com | [linkedin.com/in/nivinvarkey](https://www.linkedin.com/in/nivinvarkey)

PROFESSIONAL PROFILE

Piping engineering and fabrication professional with 9+ years of experience across project engineering support, pipe spool detailing, workshop coordination, document/material control, and site supervision on EPC and fabrication projects in the UAE. Experienced in managing multiple concurrent project workflows, interpreting client scope and specifications, coordinating engineering information across teams, resolving drawing and material discrepancies, and supporting fabrication through fit-up, hydro-testing, erection, and shipping. Strong working knowledge of pipe spool fabrication methods, ASME/ASTM requirements, AutoCAD-based detailing, JD Edwards, and engineering reporting, with additional capability in Excel/VBA, Python, and Power Automate for workflow automation.

CORE COMPETENCIES

- | | | |
|---|---------------------------------------|-----------------------------------|
| • Multiple Project Coordination | • Client Scope & Specification Review | • Pipe Spool Fabrication Drawings |
| • Drafter / Checker Workflow Support | • Shop Fabrication Methods | • Engineering Issue Resolution |
| • Isometric & Revision Review | • Document & Material Control | • BOM / PR Processing - JDE |
| • Fit-up, Hydro-test & Erection Support | • ASME / ASTM Compliance | • Reporting & Workflow Automation |

PROFESSIONAL EXPERIENCE

TEAM LEAD - PIPING (Engineering Department)

Dec 2022 - Present

EPIC PIPING INTERNATIONAL, ABU DHABI, UAE

- Lead a 10-member Document Control and Material Control team supporting multiple concurrent piping fabrication projects; allocate daily workloads, monitor productivity, and maintain approximately 90% on-time engineering release performance.
- Coordinate engineering document and material requirements across Engineering, Procurement, Fabrication, Document Control, and Material Control teams, resolving discrepancies that could affect spool release or shop execution.
- Review engineering release packages for completeness, accuracy, revision status, and client/company compliance before downstream processing.
- Manage document receipt, registration, distribution, tracking, revision control, transmittals, and archiving, ensuring fabrication teams work only to the latest approved information.
- Upload and validate BOM data in JD Edwards against released pipe spool drawings; process support release packages, new support part codes, and purchase requisitions.
- Provide coaching, technical guidance, quality review, and performance feedback to team members while driving process standardization and continuous improvement.
- Ensure engineering and material records remain fully traceable and aligned with HSE, QMS, client specifications, and applicable statutory codes and standards.

PIPING DETAILER / DRAFTER (Engineering Department)

Nov 2019 - Dec 2022

EPIC PIPING INTERNATIONAL, ABU DHABI, UAE

- Converted client isometric drawings into pipe spool fabrication drawings using Spoolgen, Autospool, and AutoCAD in accordance with project scope, specifications, and ASME/ASTM requirements.
- Studied client drawing revisions and incorporated changes into revised spool packages while maintaining revision traceability and release accuracy.
- Prepared and corrected IPMF files to address missing or corrupted PCF/IDF data, minimizing production holds and detailing rework.
- Performed supporting geometry and dimensional calculations and maintained accurate, audit-ready spool documentation throughout project execution.
- Worked within controlled drafting/checking/release workflows and coordinated technical clarifications required to progress spool fabrication deliverables.

SHOP COORDINATOR

Jun 2017 - Nov 2019

PENTA GLOBAL ENGINEERING, ABU DHABI, UAE

- Coordinated piping projects from shop fabrication through final shipping, directing daily activities of 15+ welders, fitters, tackers, and hydro-test personnel to meet project schedules.
- Supervised fit-up activities and verified fabrication alignment with isometric and spool drawings, resolving technical queries with drafting and engineering teams.
- Coordinated hydro-testing of piping spools, checking test pressures and results against project requirements and supporting documentation closeout.
- Provided site supervision for piping erection and coordinated interfaces between shop-fabricated spools and field installation teams.
- Planned work schedules, shift allocations, and machine setups; monitored quality and safety compliance and coordinated non-conformity resolution with QA/QC.
- Maintained production output, timesheet, and material usage records and supported tools/consumables requisition for uninterrupted shop execution.

SELECTED MAJOR PROJECTS

- Upper Zakum UZ-750 EPC2 Island Surface Facilities - ZADCO / Gulf Piping Company
- Middle East Mining & Minerals Refinery Project - Bechtel Petrofac JV
- Waste Heat Recovery - Samsung Engineering
- Al Bateen Aviation Fuel Depot - Tata Projects
- Adnoc Crude Flex Package 1 and 2 – Samsung
- DUQM Refinery Package 1 – TR
- Us projects 100+(small projects)

TECHNICAL SKILLS

Engineering / Fabrication: Isometric review, spool detailing, fabrication methods, fit-up supervision, hydro-testing, site erection support, IPMF/PCF/IDF correction, supporting calculations

Software / Systems: AutoCAD, Isomec, Spoolgen, Autospool, JD Edwards (JDE), Microsoft Excel (Advanced/VBA), Python, Power Automate, Microsoft Office

Codes / Compliance: ASME, ASTM, HSE/QMS requirements, engineering revision control and traceability

EDUCATION

B.Tech - Mechanical Engineering
Diploma - Mechanical Engineering

AMIE - Indian Institute of Engineers, Delhi | 2021
Govt. Polytechnic College, Kerala | 2016

ADDITIONAL INFORMATION

Languages: English, Malayalam, Hindi | **Driving License:** UAE & India | **Visa:** UAE Employment Visa - 30 days notice period