

SHAIKH TAQI HUSSAIN

MECHANICAL ENGINEER – CONSTRUCTION PROJECTS | FIELD EXECUTION | PRE-COMMISSIONING |
COMMISSIONING | SHUTDOWNS

Kuwait: +965 55123033/94758172 | India: +91 9892216860 | taqishaikh34@gmail.com | Kuwait / Mumbai, India

PROFESSIONAL SUMMARY & CORE EXPERIENCE

Oil & Gas, Refinery, Petrochemical & Steel Industries professional with extensive experience in construction, maintenance, fabrication, erection, testing and pre-commissioning activities.

Highly skilled professional with a proven track record in organizational planning, coordination and project management. Proficient in technical execution, prioritization, communication and cross-functional collaboration, with strong knowledge of Microsoft Office and relevant engineering software.

Experienced in handling LNG and LPG storage tanks, API tanks, rotating and static equipment including centrifugal pumps (vertical and horizontal), screw compressors, right-angle gear-driven pumps, marine loading arms, ship loaders, diesel engines for power generators and firefighting pumps, lifeboats, and vertical and horizontal storage vessels.

Experienced in preservation activities for offshore and onshore facilities, including tank materials, marine loading arms, sulfur conveyors, ship loaders, utilities, power generation and fire-protection equipment.

Experienced in fabrication, erection, testing and pre-commissioning of piping and structural items using carbon steel, low-carbon steel, cast iron and other materials, in accordance with ASME, BS, IS and API standards.

Experienced in reviewing detailed fabrication drawings, including GA drawings, development and cutting plans, body and attachment drawings, nozzle and attachment drawings, assembly drawings, loading data, nameplates, platforms and ladders, in line with client datasheets and technical specifications.

Responsible for HSES and quality requirements within assigned areas and for ensuring construction contractors execute work safely, to specification and in accordance with project schedules.

Strong knowledge of permit-to-work systems, fire prevention and firefighting, elementary first aid, mechanical maintenance, fabrication, erection, piping testing, welding, QA/QC, NDT processes, standards and procedures.

Provided technical support to execution teams for troubleshooting, productivity improvement, safety enhancement and reliability improvement.

Responsible for monitoring LNG tank engineering schedules and milestones; proactively identifying technical issues and schedule delays and providing supporting data and recovery plans.

Promote continuous improvement by sharing lessons learned from previous projects and supporting review teams in applying proven practices to future projects.

Successfully participated in construction of a new water center plant at Kuwait Oil Company (KOC), North Kuwait facility.

Actively participated in weekly and monthly meetings with PMC/KOC to resolve pending completion works, clear punch lists and coordinate construction activities.

Coordinate, plan and supervise mechanical maintenance activities in assigned areas in accordance with HSE policies and procedures.

Coordinate with other sections and Operations to prioritize, plan and schedule section-related work, ensuring safe and timely execution.

CORE COMPETENCIES

- Mechanical Construction & Site Execution • Installation / Erection Support • Equipment Maintenance
- Static Equipment: Heat Exchangers, Columns, Pressure Vessels, Storage Tanks (API 650/653), Reactors, Furnaces, Finfan Coolers, Valves
- Piping & Mechanical Works: Tank Farm Piping, Flange Alignment, Gasket Replacement, Bolt Torquing, Hydraulic Tightening, Leak Rectification
- Pre-Commissioning & Commissioning • Hydrotesting • Test Packs • Flange Management • Turnaround / Shutdown Execution
- Drawing & Documentation: Isometric Drawings, PCID Interpretation, Method Statements, JSA, Daily Reports
- QA/QC & Inspection Coordination • NDT Clearance • Mechanical Completion / Acceptance Support
- Site Supervision • Subcontractor Coordination • Workforce Management (20–60) • Toolbox Talks
- PTW Signatory • LOTO • Confined Space Entry • H₂S/BA • Safe Work Practices

PROFESSIONAL EXPERIENCE

DIETSMANN MAINTAINING ENERGY | Kuwait

Mechanical Maintenance Engineer | 01/2023 – Present / *Client: Kuwait Integrated Petroleum Industries Company (KIPIC – Al-Zour Refinery)*

- Supervise routine, preventive and shutdown mechanical activities across refinery and tank farm facilities.
- Lead field execution for static equipment, valves and tank-farm piping systems, including alignment, bolting, flange work and leak rectification.
- Coordinate daily work fronts, technicians, permits, method statements, JSAs and test-pack documentation.
- Supervise 30+ technicians and coordinate work with client and supporting teams.
- Maintain strict PTW, confined space and LOTO compliance for safe mechanical site execution.

SAIPEM ENGINEERING & CONSTRUCTION | Kuwait

Mechanical Engineer – Construction / Field Execution | 01/2020 – 10/2022 / *Client: Kuwait Integrated Petroleum Industries Company (KIPIC – Al-Zour Refinery)*

- Supervised mechanical construction and field execution activities for refinery and tank-farm systems, coordinating work fronts from installation through pre-commissioning and handover.
- Reviewed isometric drawings and PCIDs, coordinated equipment and piping activities, and followed approved method statements, ITP requirements and project specifications.
- Coordinated hydrotesting, test-pack preparation, punch-list clearance and mechanical completion activities with construction, QA/QC and client teams.
- Supervise routine, preventive and shutdown mechanical activities across refinery and tank farm facilities.
- Lead field execution for static equipment, valves and tank-farm piping systems, including alignment, bolting, flange work and leak rectification.
- Coordinate daily work fronts, technicians, permits, method statements, JSAs and test-pack documentation.
- Supervise 30+ technicians and coordinate work with client and supporting teams.
- Maintain strict PTW, confined space and LOTO compliance for safe mechanical site execution

DAELIM ENGINEERING & CONSTRUCTION | Kuwait

Mechanical Supervisor | 02/2016 – 12/2019 | Client: Kuwait National Petroleum Company (KNPC) – Clean Fuels Project (CFP/CSP), Kuwait

- Ensured compliance with approved method statements, ITP requirements, PTW, HSE procedures and project quality requirements.
- Supported hydrotesting, test-pack preparation, NDT coordination, punch-list clearance and mechanical completion activities.
- Coordinated with KNPC, QA/QC, inspection, commissioning and construction teams to achieve safe and timely completion of work fronts.
- Reviewed isometric drawings, engineering documents, equipment layouts and project specifications for field execution.
- Coordinated installation, alignment, bolting, flange management and mechanical works for static and rotating equipment and piping systems.
- Supervised mechanical construction, equipment installation, erection, inspection and pre-commissioning activities for the KNPC Clean Fuels Project (CFP/CSP).

IMCO ENGINEERING & CONSTRUCTION CO. | Kuwait

Mechanical Maintenance Supervisor | 12/2015 – 09/2017 | Client: KNPC (Shuaiba Refinery)

- Directed turnaround shutdown execution for high-pressure heat exchangers, including bundle pulling, cleaning and tube reinstatement.
- Coordinated internal tray and packing replacement activities for process columns and pressure vessels.
- Supported field coordination, safe execution and mechanical completion of shutdown work fronts.

QATAR ENGINEERING & CONSTRUCTION COMPANY (QCON) | Doha, Qatar

Senior Mechanical Supervisor / Unit Coordinator (Shutdowns & Turnarounds) | 01/2012 – 11/2015 | Clients: Ras Gas (LNG Trains 1, 2, 3, 4, 5, 6, 7 & AKG) | Shell GTL

- Executed major LNG shutdown campaigns, supervising workforces of 20–60 mechanical fitters and riggers.
- Oversaw static and rotating equipment overhauls including exchangers, columns, reactors and finfan coolers.
- Acted as PTW Signatory and safety lead; conducted toolbox talks and verified JSA compliance for critical lifts and confined-space activities.

NATIONAL KHARAFI (ABJ) | Kuwait

Mechanical Supervisor | 06/2014 – 01/2015 | Client: KNPC (Mina Al-Ahmadi Refinery)

- Supervised refinery maintenance and turnaround activities. Managed mechanical teams for column & vessel overhauling. Ensured compliance with KNPC refinery safety regulations
- Progress monitoring and reporting to site management

TOPAZ ENGINEERING & CONSTRUCTION (ADYARD) | Dubai, UAE

Mechanical Supervisor | 09/2011 – 12/2011 | Client: Emirates National Oil Company (ENOC)

- Execution of shutdown and equipment overhaul activities, Supervision of static equipment maintenance (vessels, heat exchangers, piping systems) Coordination with QA/QC and client inspection teams. Implementation of Permit-to-Work (PTW) and safety compliance procedures. Monitoring work progress and reporting to project management

EARLIER GCC & INDIA EXPERIENCE

- Mechanical Supervisor / Foreman | QCON, Qatar (Ras Gas & QAFAC Plants) | 01/2011 – 06/2011
- Mechanical Foreman | STS, Oman (Oman Refineries & Petrochemicals Company) | 02/2010 – 03/2010
- Mechanical Foreman | DOPET, Qatar (Qatar Petroleum – NADCO Refinery) | 11/2009 – 12/2009
- Mechanical Foreman | M/S Ramsis Engineering, UAE (TAKREER Refinery / GASCO Habshan & Bab) | 08/2008 – 09/2009
- Mechanical Fitter | Sawant Engineering Works, India (HPCL Refinery, Mumbai) | 02/1999 – 12/2001

EDUCATION & QUALIFICATIONS

- Bachelor of Technology (B. Tech) – Mechanical Engineering | Adarsh Management Institute, India | 2008
- Diploma in Mechanical Engineering (DME) | Adarsh Management Institute, India | 2005
- Diploma in Office Automation & Graphics (MS Office, Tally) | India

TECHNICAL SKILLS & STANDARDS

- Maximo CMMS • MS Office (Excel, Word) • Office Automation
- ASME • API 650 • API 653 • PCID Interpretation • Isometric Drawings • QA/QC Documentation
- Hydrotesting • Test Packs • Static Equipment • Storage Tanks • Heat Exchangers • Columns • Pressure Vessels • Reactors • Furnaces • Finfan Coolers • Valves

SAFETY CERTIFICATIONS & TRAINING

- KIPIC & KNPC Safety Certifications: Permit to Work (Basic & Signatory), Authorized Confined Space Entry
- Ras Gas Safety Training Centre: PTW Signatory, Job Safety Analysis (JSA), H₂S / Breathing Apparatus (BA), Shutdown Plant Safety Induction

ADDITIONAL INFORMATION

- Languages: English (Professional), Hindi / Urdu (Native)
- Passport: Valid Indian Passport (ECNR) – Expiring October 2033
- Availability: Kuwait / India | Immediate availability for GCC placements

DECLARATION

I hereby declare that the information provided above is true to the best of my knowledge and belief. I assure that, if given an opportunity, I will perform my duties sincerely, honestly, and to the best of my abilities.

Signature: **TAQI SHAIKH**