



# FARUKH KHAN

## Construction Engineer – Piping/Mechanical

Pro-active and result oriented professional with professional achievements with more than six years of progressive experience working in multi- cultural environment with leading companies in India and Abroad. More than five years' experience on major international construction projects, Oil & Gas and Power Construction industry's with engineering & supervisory positions in the field of piping, Pipe line / Mechanical erection, field inspection, review quality documents, involves engineering to resolve the discrepancies in side with corrective action and surveillance functions.

Highly experienced in using international regulation, codes and standard used in the petroleum field and power construction (API, ASTM, MSS SP, TEMA, NFPA, ASME, ANSI, ISO, BE, NACE, ISA) etc. plans (ITP's). Knowledge and experienced in quality field inspection, review materials classifications, design and drawing as per project procedures, specifications and inspection test plans (ITP's).

✉ [Farukhkwt16@gmail.com](mailto:Farukhkwt16@gmail.com)

☎ +91-8800553549

📍 Faridabad – Haryana, India

**PROJECT MANAGEMENT:** Strong background in supervision of large complex projects. Process in depth knowledge of designing / engineering / construction practices & regulatory compliance issues. Qualified to review & evaluate Engineering documents, chart projections and lead cross-functional project teams, co-ordinate activities effectively with responsible parties regarding guidelines, scope.

**RELATIONSHIP DEVELOPMENT:** Excellent leadership, communication and relationship building skills. Work with Engineers, Client representatives, Contractor, Sub-Contractors, Vendors, Quality Inspectors and other industry professionals. Work jointly with clients to review job progress and address outstanding issues; provided the highest level of services to clients, earning frequent commendations as a result.

### PROJECT SUMMARY

**COMPANY: SEPCO III Electric Power Construction Co. Ltd.,  
Construction Engineer – Piping/Mechanical**

**AL DUR II - INDEPENDENT WATER AND POWER PROJECT (IWPP)  
BAHRAIN, (SEPTEMBER 2019 TO MARCH 2022), PROJECT VALUE (EPC);  
\$ 1.2 BILLION**

### ROLES & RESPONSIBILITIES

- ❖ Review EPC Sub - Contractor's construction procedures and method statements.
- ❖ Review of Project Specifications, Design and all relevant documents in accordance with the contract.
- ❖ Follow all jobs done in site related to Boilers construction including (Piping and Equipment Installation) and Desalination units (MED units) installation and their accessories.
- ❖ Coordinates and supervises all construction activities.
- ❖ Monitor and ensure that the work is performed in strict compliance with the safety procedures and requirements.
- ❖ Monitor work progress in accordance with EPC submitted work schedule.
- ❖ Identify conflicts in construction progress and communicate them to project team for resolution.
- ❖ Witnessed Boiler tests (Hydrotest, Leakage test etc.)
- ❖ Review the Erection Completion Certificates with the verification of the End of Erection Reports.

### AREA OF PROVEN PERFORMANCE

- Project & Construction Management
- Team Building & Leadership
- Prioritization & Time Management
- Client Relations
- Hazards Assessment & Control
- Process Monitoring
- Problem Solving
- Budget forecasting & Cost Controls

### SPECIALITIES

- H2S Plant Site Installations
- Piping & Equipment Installation
- Slug Catcher, Separator, De-salter, Turbine, Boiler, VRU, LP/MP/HP Compressors Installation
- Mechanical Equipment Installation
- Piping Tie-ins
- Piping, vessel, drum, tank designing
- Site Safety / OSHA Compliance
- QA/QC Field Engineering
- Quality Management
- Change Order Management
- 3D Smart Plant Preview
- Piping Isometric Extraction
- Sub-Contractor Crew Supervision
- On-shore pipeline installation & testing
- Process/ Utility Modules Fabrication/ Sea Transportation, Module Loading Un-loading, Sea Fastening

### LANGUAGE

English, Hindi & Urdu

- ❖ Maintain positive relationships with client, contractors, suppliers and other employees.
- ❖ Monitor the development of punch lists and endorse the same for COMPANY approval.
- ❖ Prepares, Schedules, Daily Reports, job Hazard Analysis Reports and supervises completion of a final Punch List.
- ❖ Prepare As built and Red mark-up drawings accordingly actual site condition for final approval.

#### **Steam Blowing:**

- ❖ Construct all the recommended temporary pipes and valves needed and install all temporary pipe supports according to standards and designer's drawing and assist in performing the process.
- ❖ Witnessed and assist in boiler equipment tests, commissioning and startup.
- ❖ Witnessed and reviewed the power plant performance test.

#### **COMPANY: SK Engineering & Construction Co. Ltd., Construction Engineer – Piping**

#### **KNPC CLEAN FUELS PROJECT-MAA (MINA AL-AHMADI) KUWAIT (DEC 2017 TO SEPTEMBER 2019), PROJECT VALUE (EPC); \$ 4.3 BILLION**

#### **ROLES & RESPONSIBILITIES**

- ❖ Review EPC Sub - Contractor's construction procedures and method statements.
- ❖ Verify that all construction procedures, method statements and Inspection and Test Plans are issued as final approved documents before start of any related work.
- ❖ Monitor and manage inspection of the construction work performed by the subcontractors to verify that such work is performed in compliance with the approved procedures and specifications, and that the workmanship is in accordance with appropriate standards of quality.
- ❖ Monitor the development of punch lists and endorse the same for COMPANY approval.
- ❖ Coordinate and manage the witness of important tests on main equipment, including but not limited to detailed inspection where it is considered to be necessary.
- ❖ Monitor the progress and achievement of mechanical completion and pre-commissioning of the installations in accordance with the provisions of the EPC CONTRACT.
- ❖ Identify conflicts in construction progress and communicate them to project team for resolution.
- ❖ Coordinates and supervises all construction activities.
- ❖ Maintains construction schedule, identifies problems in advance and recommends solutions.
- ❖ Maintain positive relationships with customers, contractors, suppliers and other employees.
- ❖ Prepares, Schedules, Daily Reports, job Hazard Analysis Reports and supervises completion of a final Punch List.
- ❖ Promotes job site safety, encourages safe work practices and rectifies job site hazards immediately.
- ❖ Attend internal meeting with other Discipline (if required) for matters to be clarified.
- ❖ Conducts test on Equipment and Instrument.
- ❖ Attend the weekly progress meetings.
- ❖ Monitor Equipment/Materials & Manpower availability at the Warehouse & Site to ensure mobilization as according to plan.

#### **KNOWLEDGE & SKILLS**

- Construction Team Supervision
- Cost & Risk Analysis/ Evaluation
- Change Orders & Contract Negotiation
- Construction Plan Review & Analysis
- Cost Estimate & Bid Proposal Development
- Contractor/ Sub-contractor Supervision
- Team Building training & Leadership
- On-Site Properly Inspection / Evaluation

#### **EDUCATION**

**Diploma in Mechanical Engineering**  
from Al-Falah University, India

#### **PASSPORT DETAILS**

Passport No. Z-3636501

Valid up to 12-02-2027

Place of Issue: - Delhi

#### **SOFTWARE KNOWLEDGE**

- 3D Smart Plant Review (SPR)
- Navisworks
- MS-Office 2007, 2010 & 2016.
- MS Excel, Outlook

#### **CERTIFICATE & COURSE**

- PTW Issuer/ Executor
- Authorized for Gas Testing
- Authorized for LOTO
- Smart Plant 3D (SP3D)
- Plant Design Management System (PDMS)
- CAESAR-II
- AutoCAD 2D+3D
- H2S & SCABA
- Confined Space Entry
- ASNT Level II

#### **CONTACT**

E-mail: - [Farukhkwt16@gmail.com](mailto:Farukhkwt16@gmail.com)  
[Farukhkwt16@outlook.com](mailto:Farukhkwt16@outlook.com)

Tel: +973 66389436 (Bahrain)  
+91 8800553549 (India)

- ❖ Monitor work progress in accordance with EPC submitted work schedule.
- ❖ Attend meetings and advise Subcontractor the priorities to be taken into consideration.
- ❖ Explain to Subcontractor their responsibilities and Scope of Work that matters to their Extent of Work if conflict arises.
- ❖ Ensure safety practices on site - report in routine observation reports cases of good or bad practices which might affect the safety on site.
- ❖ Inform Group leader about any technical problems that may arise at site to avoid delaying of working schedule.
- ❖ Review the Piping Design documents (P&ID, Isometrics, GA's, Tie-ins list, Supports Details, and MTO).
- ❖ Arranged work permits as performing authority.
- ❖ Compilation of piping scope activity work packs including MTO's, drawings, method statements, sequences, manpower & equipment requirements and project activity durations.
- ❖ Project the Piping and Mechanical progress measurement & review of contractor invoices in conjunction with site cost control departments.
- ❖ Prioritized scope activities to most efficiently meet project schedule requirements.

**COMPANY: Vegazva Engineering Pvt. Ltd., Piping Designer/Modeler-SP3D (Smart Plant 3D)**

**IOCL-AISWARYA PROJECT (HALDIA REFINERY), GURGAON, INDIA (APRIL 2017 TO OCTOBER 2017)**

**ROLES & RESPONSIBILITIES**

- ❖ Develop Plot Plans, Equipment Layouts and 2D Piping General Arrangement Drawing for FEED studies.
- ❖ Produce Plot plans, Equipment Layouts, 2D Piping General Arrangement Drawings, isometrics & Pipe Support Drawings for details design Project.
- ❖ Develop Piping route as per project specifications and requirement.
- ❖ Perform 3D modeling of Equipment, piping, supports and Structure using SP3D.
- ❖ Maintain the Integrity of 3D models, solve Modeling & extraction errors.
- ❖ Check and review of vendor data.
- ❖ Consistency checking between P&ID and Isometric drawings.
- ❖ Prepare Equipment layout and Nozzle orientations.
- ❖ Isometric Extraction in SP3D by using work.
- ❖ Piping layout, Pipe Rack Layout and checking Model in NavisWork & Smart Plant Review (SPR).

**COMPANY: Jamshedpur Utilities & Services Company Limited (JUSCO), Construction Supervisor - Piping**

**(APRIL 2016 TO MARCH 2017)**

- ❖ Coordinates and supervises all construction activities of Piping.
- ❖ Maintains construction schedule, identifies problems in advance and recommends solutions.
- ❖ Review the Piping Design documents (P&ID, Isometrics, GA's, Tie-ins list, Supports Details, and MTO).
- ❖ Maintain positive relationships with client, contractors, suppliers and other employees.
- ❖ Prepares schedules, Daily Reports, job Hazard Analysis Reports and supervises completion of a final Punch List.
- ❖ Prepare Red mark-up drawings according to site modification.

**HSE POLICY**

- Pursue the goal of NO HARM to people
- Prevent pollution and protect the environment
- Assure integrity of plant and equipment
- Ensure security of the people and facilities
- Promote ownership and leadership of HSE at all levels.
- Continuing improving performance
- Comply with local HSE regulation & Standards
- Ensure policies and objectives with regards to health, safety, environment and welfare are maintained in throughout the project

**HSE OBJECTIVE**

- ZERO lost time incident (LTI) and fatality
- ZERO Harm to environment
- Each division HSE responsible management
- Effective HSE assessment & strategies for all project activities
- Establish a high level of welfare arrangement for the employee

**KNOWLEDGE OF CODE & STANDARD**

- Using Shell DEPs & SPs & BP standard of Code
- Standard API-1104, API-1110, API 5L, API-598, API 6D, ASME B31.1, ASME B31.3, ASME B31.4, ASME B31.8, ASME IX, ASME-V

**MAILING ADDRESS**

*Permanent (In India)*

Faridabad, Haryana, India  
Postal Code: - 121003  
India

**LinkedIn**

<https://www.linkedin.com/in/farukh-khan-83660515a/>