

Mostafa Hussen Labib  
Senior Project Engineer – Oil & Gas (EPC)  
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### PROFESSIONAL SUMMARY

Performance-driven Senior Project Engineer with over 7 years of experience in the EPC Oil & Gas sector, specializing in PRMS/PRS facilities and high-pressure gas piping systems. Proven expertise in managing the full project lifecycle, from engineering coordination and procurement to construction and commissioning of stations with capacities up to 90,000 Sm<sup>3</sup>/hr. Expert in ASME and IGEM standards with a record of delivering multi-million dollar projects on schedule.

### KEY SKILLS

**Project Management:** EPC Execution, Technical Coordination, Design Review, QA/QC, HSE, and Project Handover.

**Engineering Expertise:** PRMS/PRS Equipment, Hydraulic Analysis, HDD Design, and Technical Troubleshooting.

**Regulatory Standards:** ASME B31.1, B31.3, B31.8, Section VIII, Section IX, and IGEM Standards.

**Software Proficiency:** AutoCAD (2D/3D), Inventor, Synergi, AutoPIPE, SolidWorks, and ArcGIS.

**Languages:** Arabic (Native), English (Very Good).

### PROFESSIONAL EXPERIENCE

Senior Project Engineer – Oil & Gas (EPC) – Egypt Gas – Jordan | Oct 2023 – Present

- Lead engineering coordination and technical support for large-scale EPC Oil & Gas projects
- Interface between engineering, procurement, construction, and client.
- Review of engineering deliverables, vendor documents, and site queries.
- Oversee critical site queries, testing, commissioning, and final project handover activities.

Pipeline Design Engineer - Egypt Gas – Cairo | Jul 2020 – Oct 2023

- Pipeline and gas network design for medium-pressure systems.
- Preparation of design drawings, calculations, and material take-offs.
- Hydraulic analysis and technical support during procurement and construction.

Product Development Engineer - Samsung Electronics | Oct 2019 – Jul 2020

- Mechanical design support for new product development.
- Coordination with vendors and resolution of technical issues.
- Managed vendor coordination for product development.

## Key Projects

Feeding El Qastal and El Zarqa Industrial cities with natural gas – Jordan | March 2024 – Present

Client: Jordanian Egyptian Fajr

Role: Acting Project Manager / Senior Project Engineer

- Managed EPC execution of Natural Gas PRMS facilities with capacities up to **30,000 Sm<sup>3</sup>/hr** operating at **5–7 barg**
- Oversaw projects with total values of **USD 7.2 million**, supporting planning, coordination, and delivery milestones.
- Led cross-functional coordination between engineering, procurement, construction, vendors, and client representatives.
- Controlled RFIs, technical queries, and site issues to minimize delays and support schedule adherence
- Monitored procurement activities, vendor documentation, FAT, SAT, testing, and commissioning through project handover.
- Ensured compliance with **ASME codes**, contractual requirements, and client specifications.

Feeding El Qwairah Industrial city with natural gas – Jordan | Aug 2023 – Dec. 2024

Client: Jordanian Egyptian Fajr

Role: Senior Project Engineer

- Technical leadership for EPC execution of PRMS, hot tapping system, and HP gas pipeline (40–81 barg) with total values of **USD 2.9 million**.
- Review of engineering deliverables, drawings, calculations, and technical queries.
- Coordination between engineering, procurement, site teams, and client on technical matters.
- Technical evaluation of vendor submittals and support during FAT, SAT, testing, and commissioning.
- Site technical support, as-built verification, and contribution to final handover documentation.

## INTERNSHIPS

Mantrac (CAT Equipment), Alexandria

Alexandria Shipyard, Alexandria

Egyptian Welding Academy (EWA), Cairo

## EDUCATION

B.Sc. Mechanical Power Engineering – Ain Shams University (2013–2018)

Grade: Very Good

Graduation Project: Wind Turbine Design – Best Performance Award (ISWTC, Netherlands)

## COURSES & CERTIFICATIONS

ASME Diploma – AUC (B31.1, B31.3, B31.8, Section VIII, Section IX)

## EXTRACURRICULAR ACTIVITIES

ASU Racing Team – Formula Student UK Competition Participant

