

MOHAMED GAMAL HELAL

Mechanical Engineer

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PROFESSIONAL EXPERIENCE

Maintenance Manger (24/7)

Hamed Saoud Otiaby Company – Batha & Salwa Land Ports, KSA

07/2024 - present

Operation and maintenance and cleaning project manger –Salwa landport
Maintenance manger –batha landport

Mechanical site Engineer

Abd el hamid Mohamed Soliman &partners (AMSC&CO), Egypt

12/2020 - 06/2024

Supervised MEP, piping, and firefighting installations.
Implemented firefighting systems in compliance with NFPA codes.
Participated in the construction of Ras Alkhalij , Sherbin Water Stations.
Selected pumps and coordinated system integration for major facilities.

Mechanical Engineer

Dakhliya Water and Sewage Company, Egypt

12/2018 - 11/2020

Managed O&M of lifting and treatment stations.
Prepared technical submittals, BOQs, and tender documents.
Created asset replacement plans (1–5 years) for upper management.
Conducted preventive and emergency maintenance.

Mechanical site Engineer

Irtqaa Company, Egypt

12/2017 - 11/ 2018

Supervised HVAC and plumbing systems
Familiar to ASHRAE and plumbing codes.
Ensured compliance with engineering standards.
Coordinated project execution with stakeholders.

Inspection Engineer – Marine Works

EAMW Sharaf Company, Egypt

12/2015 - 11/2017

Conducted safety inspections on ships, rigs, lifeboats, and firefighting systems.
Generated technical reports and obtained safety certifications.
Ensured compliance with NFPA and maritime standards.

EDUCATION

Bachelor of Mechanical Power Engineering

Mansoura University, Egypt

Graduation Year: 2015

LANGUAGES

Arabic: Native

English: Advanced

SUMMARY

Mechanical Engineer with over 9 years of experience in mechanical systems including MEP, HVAC, firefighting, and water treatment. Skilled in site supervision, maintenance planning, technical documentation, and compliance with NFPA and ASHRAE standards. Strong knowledge in project execution, asset management, and tender processes, Saudi Council of Engineers Registration

Core Skills & Competencies

- MEP Systems Installation & Supervision
- HVAC Systems Implementation (ASHRAE Standards)
- Firefighting Systems (NFPA Codes)
- Water Treatment & Pumping Stations
- Preventive & Predictive Maintenance
- Asset Management & Replacement Planning
- Technical Office Work (BOQ, QS, Submittals)
- Marine & Safety Inspections
- Microsoft Office – AutoCAD-Elite-Hap
- Analytical – Planning –Negotiation
- Solving problem
- Team work

CERTIFICATIONS & TRAINING

OSHA Safety training
Pumps Maintenance
Diesel Engines Maintenance
Contracts & Specifications
Quantity Survey
Water Station Operations & Maintenance
Firefighting systems
Saudi Council of Engineers Registration

Achievements

- Delivered complex infrastructure projects on schedule
- Enhanced maintenance systems across multiple facilities
- Fostered collaboration between teams and departments