

Mohamed Shawky Metwally

Moustafa

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Objective

Senior Mechanical Engineer with Extensive Site Experience Eager to Bring Expertise and Leadership to Your Team. Passionate about Innovative Solutions and Excellence in Engineering Projects.

Experience

- ATS (Advanced Technology Service)** Oct 2023 - Till now
Senior Mechanical QC Engineer
Working at AMAALA Staff village project with Parsons consultant of the project in Tabuk region at Saudia Arabia and Responsible for the following:
 - Manages quality activities on a project, communicating with engineering, procurement, construction, administrative services, testing, operations, decommissioning, and other project personnel to ensure management goals and objectives are met
 - Coordination and supervision of installation of the mechanical and plumbing services of projects
 - Responsible for timely delivery of the expected outputs-Preparation of monthly and other reports in conjunction with the rest of the site monitoring team
- ATS (Advanced Technology Service)** April 2022 - Oct 2023
Senior Mechanical QC Engineer
Working at proton therapy of hospital 57357 project with Shaker consultant of the project in Cairo, Egypt and Responsible for the following:
 - Coordination and supervision of installation of the mechanical and plumbing services of projects
 - Manage testing, commission, training and handover of mechanical and plumbing deliverables to clients.
 - Ensures that all the works have done are in accordance with the approved construction drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards.
 - Carrying out all Mechanical Works and equipment's installation activities
- Modern interiors** Mar 2021 - April 2022
Mechanical Site Coordinator
Working at Health Park Clinics project at New Giza with ECG consultant and Responsible for the following:
 - Coordinate between the MEP contractors and the other trades
 - Coordinate between the consultant and the technical office for approval shop drawing and other document
 - Monitoring of the Mechanical works as per contract specification and requirement
 - Review the Qs and invoice of the contractors for approval to the owner
 - Monitoring the quality of work and inspect the mechanical works from the contractors
- ABCG (Active Brains Consulting Group)** Dec 2019 - Mar 2021
Mechanical inspector Engineer
Working at Village project with SODIC the owner of the project and Responsible for the following:
 - Review and check of the Contractor's submitted design packages and drawings, materials, submittals and all related Mechanical Items.

- Review the Qs and invoice of the contractors for approval to the owner- Monitoring the quality of work and inspect the mechanical works from the contractors

- **ORASCOM Construction** Jan 2017 - Oct 2019
Mechanical Site Engineer
Working at the following projects :
 1. Burllus power plant with SIEMENS
 2. Port said tunnels with SYSTRA consultant

Responsible for the following:

- All piping works at site
- Supervise the Mechanical staff on site during construction.
- Assist the project manager with all issues related to Mechanical works.
- Monitoring of the Mechanical works as per contract specification and requirement

- **EL Masrya MCC** Feb 2016 - Dec 2016
Mechanical Site Engineer
Working at Bani sueif power plant with SIEMENS and Responsible for the following :
 - Responsible for field construction operations of all Piping Work.
 - Experience in welding and painting inspections
 - Assist the project manager with all issues related to Mechanical works

- **AL ARABY Group** Jan 2014 - Jan 2016
Mechanical Engineer
Working at refrigeration factory of Toshiba refrigerator and Responsible for the following :
 - Upgrading chemical pumping and mixing room unit for foam injection
 - Supervise the Mechanical staff on site during construction.
 - Running and maintenance the chemical pump rooms for foam injection

- **Hachimya int Company** Feb 2013 - Dec 2013
Mechanical Engineer
Working at Banha power plant with PGESCO consultanting of the project and Responsible for the following :
 - Responsible for field construction operations of all Piping Work.
 - Supervise the Mechanical staff on site during construction.
 - Assist the project manager with all issues related to Mechanical works.
 - Monitoring of the Mechanical works as per contract specification and requirement

Education

- **Faculty of Engineering at Shoubra Banha university** 2011
Bachelor's of Mechanical Engineering

Skills

- Excellent communication skills , work in team, making good presentation of My ideas, and work for long time with high efficiency.
- The ability to learn new tools
- Fast learning
- Self-Motivated
- Hard working under pressure

Achievements & Awards

- Training for: How to understand and apply ISO 9001 2015 From Udemy at Mar 2025
- Mechanical quantity survey MEP QS From Udemy in Feb 2025
- Vibration analysis (category 1) from MOBIUS institute at NOV 2014
- HVAC design principles from Engineering development center at Sep 2012
- Welding course from ITC Center at April 2010
- Course Autocad from Cairo University in 2009

Languages

- Arabic : Native
- English : Intermediate

Personal Details

- Date of Birth : 13/09/1989
- Marital Status : Married
- Nationality : Egyptian
- Gender : Male