

Mohamed Mustafa Abdelmoneim

Mechanical Engineer

Contact Information

- **Address:** 102 Emtedad Ramsis 2, Nasr City, 11757, Egypt
- **Phone:** +(20) 1011510379
- **Email Address:** mohamedmu835@gmail.com
- **Links:** <https://www.linkedin.com/in/mohamed-mustafa-68517273/>

Professional Summary

Results-driven Mechanical Engineer with over 10 years of experience in the Oil & Gas and construction industries. Expertise in quality control (QC), heavy equipment maintenance, and project management. Demonstrated success in reducing equipment downtime by 15% through efficient maintenance strategies and ensuring compliance with international standards (e.g., ASME, API). Proficient in technical drawing interpretation, quality assurance processes, and team collaboration to achieve project goals. Dedicated to optimizing operational performance and driving continuous improvement in dynamic environments.

Professional Experience

Heavy Equipment Engineer | Wadi-Elnile Contracting | Multiple Projects Nov 2019 — Present

- Conducting routine maintenance and inspections for heavy equipment, ensuring compliance with safety and performance regulations.
- Improving equipment efficiency by troubleshooting and resolving malfunctions, reducing downtime by 20%.
- Replacing and installing new machinery to optimize project productivity.
- Providing technical training and support to teams on equipment usage and maintenance procedures.

Static Equipment QC Engineer | PETROJET Co. | ERC, Mostorod, Egypt Jul 2017 — Aug 2019

- Performed inspections in line with the inspection Test Plan (ITP) to ensure compliance with client requirements.
- Coordinated with clients for Requests for Information (RFI), managing critical hold and witness points.
- Conducted quality control inspections for raw materials and finished products, achieving 98% compliance with project standards.

Welding Inspection Engineer | PETROJET Co. | Badr City, Suez Rd., Egypt Mar 2016 — Jun 2017

- Monitored contractors' welding activities, inspections, and tests in accordance with approved Quality Plans and ITPs.
- Conducted quality assurance inspections at site locations, ensuring adherence to project quality standards.
- Delivered timely reports on welding activities to stakeholders, facilitating project alignment.

Service Engineer | OTRAC Heavy Equipment Co. | Al-Salam City, Egypt Jan 2015 — Mar 2016

- Designed and implemented maintenance strategies, reducing service delays by 15%
- Managed maintenance tools and resources, optimizing operational costs by 10%
- Handled customer claims efficiently, improving client satisfaction rates

Education

- **Qualification:** Bachelor of Mechanical Power Engineering
- **University:** Higher Technological Institute 10th of Ramadan City
- **Graduation Date:** August 2014
- **General Grade:** Good (GPA: 2.5/4)

Certifications & Training

- **Static Equipment Design Course (Online Diploma) | Dec 2023 - Mar. 2024**
- **MEP Design Course, (Engineers House Co.) | Oct 2018 - Dec 2018**
- **Certified SOLIDWORKS Associate (CSWA) | Aug 2012**
- **Certified NDT Level II, (Egyptian Inspection Academy) | Feb 2016 - Apr 2016**

Technical Skills

- **Design & Drafting:** SolidWorks (Expert), AutoCAD (Intermediate), Revit (Beginner)
- **ERP Tools:** SAP ERP (Intermediate)
- **Documentation & Reporting:** Microsoft Office (Expert)
- **Inspection Techniques:** Non-Destructive Testing (NDT) Level II
- **Standards:** ASME, API, ASHRAE, NFPA

Languages

- **English:** Full Professional Proficiency
- **Arabic:** Native
- **French:** Fair
- **Deutsch:** Ongoing

Additional Information

- **Military Status:** Exempted
- **Driving License:** Valid Egyptian

References

Available Upon Request