



Mohamed ElSayed ElGharably

Senior Mechanical Site Engineer

ABOUT ME

Dedicated mechanical engineer with experience in various capacities of mechanical engineering, Previously managed team of between 10 and 22 personnel in performing client installations, Knowledgeable in quality assurance testing, quality control systems, and root- cause analysis , (Tanks & Pipelines) Installations , Hydrostatic and pneumatic testing

WORK EXPERIENCE

jan 2023 _ Current (Alexandria – Egypt)



**Senior Mechanical Site Engineer
(Hydrostatic and Pneumatic Test
Engineer) (Petrojet)**

- Perform Hydrostatic & Pneumatic Testing.
- References ASME B31.1 & ASME B31.3 & API 570 & API 510.
- Attending and contributing to all scheduled meetings
- Effectively led and mentored staff, Maintained quality assurance and control of the works.
- Ensure that all statutory authority permits / design approvals are available on site for construction.
- Reading Piping and Instrumentation Diagram (P&ID) drawing and isometric (ISO) drawing.
- Identifying and planning all material requirements in accordance with specifications. Raising necessary requisitions and controlling deliveries, inspection and deployment in the works.
- Creating “As-Built” Drawings.
- Monitor and track progress against the project schedule, and provide daily updates of status
- Monitor the quality of the construction work, and manage the notification and rectification/punch-listing any deficiencies
- Provide QA witness/audit of Contractors equipment during the Procurement cycle.
- Review the material technical data sheet
- Conduct regular site surveillance and prepare QA/QC reports
- Manage all work methods, maintain knowledge of quality assurance standards, monitor continuous application for all quality assurance processes, and recommend corrective actions for all operations.
- Supported Company Safety, Environment and Quality policies and programs, and .carried out Specific duties and responsibilities related to his job as spelled out in management system Documentation, policies, procedures. Local documentations, Management System Manual, Safety Manual, and others.
- Coordinated the timely flow of information and activities between the Company and Expansion projects, Coordinated with Engineering, SEQ. and operations for any issue related to the Interface.
- Checked the pressure handling capacity of the pressure vessels (tanks, pipelines, boilers, plumbing, gas cylinders.), Checked the testing setup and testing equipment, Understood the threshold values and margin limits for testing.
- Awareness of NDT procedures, Methods Tools and Applications.
- Carry out the final inspection for certification of final completion and handing over of the works.

Date of birth: 8 Sep 1993

Nationality: Egyptian

Gender: Male

CONTACT

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Alexandria , Egypt **(Home)**

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aug 2018 – Jan 2023 (Alexandria_ Egypt)

[Automotive Workshop Engineer (HHO)]

- Professionally used diagnostic and scanning tools (OBD2).
- Generating hydrogen from water and using it as secondary fuel .
- Inspected passenger vehicles in service center and in remote locations according to planned schedule.
- Inspected machines, engines, transmissions etc. and run diagnostic tests to discover functionality issues.
- Reporting required repairs aiming for maximum reliability.
- Reviewed technical documentation to complete equipment maintenance and repair.
- Follow up on the daily work in the workshop and follow up on periodic maintenance of the equipment.
- Ensure that the technician carries out all the work required by the work order.
- Providing support and guidance to technicians in difficult problems.
- Ensure that technicians use the correct standards to maintain the vehicle during repair.
- Responsible for testing vehicles after repair and handing them over to the client.

Jan 2016 – May 2018 (Alexandria_ Egypt)

[Sales Engineer (Karcher & Sonax)]

- Contributed to the sales team by conducting technical demos to prospective clients, resulting in a 10% boost in sales.
- Supported senior sales engineers in complex product sales, securing deals.
- Prepared and maintained technical documents, aiding a 15% improvement in customer understanding and use.
- Excelled in identifying client needs and converting leads into profitable contracts.
- Contributed to data entry and mathematics for product pricing, increasing overall team efficiency.
- Collaborate with a 8-person sales team to identify technical requirements for clients.
- Make 50 cold calls to potential customers weekly to generate sales leads.

EDUCATION AND TRAINING

- Bachelor of mechanical engineering [Power] - Arab Academy for Science and Technology and maritime transport
- Alexandria Mineral Oils Company (AMOC) Mechanical Engineer Training

Courses

- HVAC • Firefighting • Plumbing
- Mechanical Engineering Diploma Institute : Oil & Gas Skills
- Pumps Operation , Selection Troubleshooting and Maintenance
- Gas Compressors Operation, Selection Troubleshooting & Maintenance
- Gas Turbine Operation, Selection Troubleshooting and Maintenance
- Vibration Monitoring & Analysis for Turbo Machinery Protection System Machine Alignment and Balancing

Skills

- Excellent communication & leadership skills / Strong organizational skills.
- Team building, problem solving and decision make skills / Trouble shooting skills.
- Ability to read and interpret manuals, drawings / Excellent Teambuilding o Excellent Attention to Detail
- Very Good organization and Time Management Very Good Maintenance and Repair Work Experience

LANGUAGE SKILLS

MOTHER TONGUE(S): Arabic

Other language(s) : English

Listening	Reading	Spoken production	Spoken interaction	Writing
C1	C1	C1	C1	C1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

AutoCad 2D -3D | Microsoft Office | Google Drive | Microsoft Excel | Microsoft Powerpoint |
Autodesk - Solidworks - MATLAB - Ansys - Revit - BIM

Driving Licence (B)