

Mostafa Hefny

Instructor

Career synopsis

Highly accomplished professional with over 15 years of comprehensive experience in the oil and gas industry, specializing in Inspection, Risk-Based Inspection (RBI), and Corrosion Engineering. Combining extensive practical experience with a strong instructional background of over 6 years, he has successfully led diverse technical training programs and international projects for industry leaders such as Saudi Aramco, Sabic affiliates, and Oman LNG.

Holding an MSc in Metallurgy and Materials Engineering (with a focus on Corrosion) alongside a robust suite of prestigious certifications, including API 510, API 570, API 571, API 580, API 653, API 936, AWS Certified Welding Inspector (CWI), and NACE/AMPP Senior Internal Corrosion Technologist, possesses deep technical expertise in developing and executing sophisticated inspection programs.

An effective communicator and experienced instructor, excels in delivering high-impact training on topics such as pressure vessel and piping inspection, damage mechanisms, risk-based inspection strategies, and material selection. Professional journey spans roles at leading entities such as a National Refining Company, Bapetco, and Methanex, managing inspection programs, contributed to turnaround planning.

With a proven ability to mentor engineers, lead multidisciplinary teams, and translate complex technical concepts into actionable knowledge, brings both depth and clarity to every training experience. A valued expert in technical consultancy and engineering education.

Professional experience

June 2011-Until now - Senior Inspection Engineer - Bapetco, Egypt

October 2024-December 2024 - Inspection Engineer - ARAMCO YASREF, SAUDI ARABIA

October 2023-December 2023 - Inspection Engineer - SABIC EASTERN COMPANY, SAUDI ARABIA

January 2023-March 2023 - Inspection Engineer - ARAMCO LUBEREF, SAUDI ARABIA

January 2022-March 2022 - Inspection Engineer - SABIC PETROKEMYA SOUTH, SAUDI ARABIA

February 2025-February 2025 - STATIC EQUIPMENT INSPECTION INSTRUCTOR - OMAN LNG, Oman

- Curriculum development

January 2019-Until now - API 510 - 570 - 653 - 580 - 571 Certification Instructor - OGS/ ENNPI, Egypt

- Curriculum development

Education and qualifications

| Type | Name |
|--------------------------|--|
| 2012 - 2018, Master | Suez University (Faculty of Petroleum Engineering), Material & Corrosion Engineering |
| 2005 - 2010, Bachelor | Suez University (Faculty of Petroleum Engineering), Material & Corrosion Engineering |
| 2017 | API (American Petroleum Institute), API 510 Pressure Vessel Inspector, 60 hours |
| 2018 | API (American Petroleum Institute), API 570 Piping Inspector, 60 hours |
| 2019 | API (American Petroleum Institute), API 653 Above Ground Tank Inspector, 60 hours |
| 2024 | API (American Petroleum Institute), API 571 Damage Mechanisms In Refining Industry, 60 hours |
| 2023 | API (American Petroleum Institute), API 580 RBI (Risk Based Inspection), 30 hours |
| 2024 | API (American Petroleum Institute), API 936 Refractory Inspector, 30 hours |
| 2019 | NACE (National Association for Corrosion Engineering), NACE Senior Internal Corrosion Technologist, 30 hours |
| 2014 | AWS (American Welding Society), CWI (Certified Welding Inspector), 60 hours |

Language: English, Arabic