TECHNICAL EDUCATION ACADEMY

Mostafa Hefny

Instructor

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.