TECHNICAL EDUCATION ACADEMY

Ahmed Aboollo

Instructor

A Senior Electrical Engineer with more than 14 years of experience in the oil and gas industry, specializing in Artificial Lift Systems, with particular focus on Electrical Submersible Pumps (ESP). Has built extensive expertise through roles with leading operating companies, including Khalda Petroleum Company (Apache) and Qarun Petroleum Company SAE.

Core areas of expertise include ESP application engineering, technical support, system optimization, commissioning, operation, troubleshooting, and dismantle and inspection failure analysis (DIFA). Brings strong practical knowledge in the design, surveillance, and performance optimization of ESP systems, as well as in the operation and maintenance of associated low-voltage electrical systems.

Demonstrates solid experience with a wide range of ESP-related equipment and infrastructure, including variable speed drives (VSD) from SLB, TRIOL, and Baker Hughes GCS Advantage, as well as switchboards, soft starters, transformers, generators, transmission lines, power cables, and Horizontal Pump Systems (HPS). Also has strong capability in system start-up, reliability improvement, and the optimization of equipment and components to support sustainable and efficient operations. Maintains a strong understanding of HSE requirements and safe operating practices.

Holds a Bachelor of Science in Electrical Engineering, with a specialization in Electrical Machines and Power. Combines strong field experience, technical depth, and instructional capability, making him a valuable contributor to both operational performance and professional development in artificial lift and electrical engineering within the oil and gas sector.