

**Ahmed Aboollo**

**Instructor**

### **Career synopsis**

Ahmed S. emerges as a leading figure in the oil and gas industry, with a rich career spanning over 14 years as a Senior Electrical Engineer specialising in Artificial Lift Systems, particularly Electrical Submersible Pumps (ESP). His journey began after obtaining a BSc in Electric Machine and Power Group from Alexandria University's Faculty of Engineering in 2008, which set the foundation for his expertise in electrical engineering.

Professionally, Ahmed has developed a robust skill set through extensive roles at notable companies like Khalda Petroleum Company (Apache) and Qarun Petroleum Company SAE in Egypt. His expertise encompasses a comprehensive range of capabilities from application engineering, technical support, and optimization to the more nuanced skills of Dismantle and Inspection Failure Analysis (DIFA), and commissioning and troubleshooting of ESP equipment. Ahmed's technical acumen is not just limited to engineering; he also excels in system optimization, demonstrating a mastery over critical ESP equipment such as Variable Speed Drives (VSD), Soft Starters, and Transformers, among others.

In 2023, Ahmed expanded his professional scope by embracing the role of an Associate Instructor at the Technical Education Academy. Here, he channels his vast field experience into mentoring budding engineers. His responsibilities include not only delivering training courses on ESP and electrical engineering concepts but also developing and updating course materials to stay current with the latest technological advancements. Ahmed's approach to teaching is hands-on, offering direct mentorship and feedback to ensure practical learning and application of theoretical knowledge.

Ahmed's career is a testament to his relentless pursuit of excellence and his commitment to advancing the field of electrical engineering within the oil and gas sector. His dual role as a senior engineer and educator leverages his comprehensive understanding of industry standards, HSE regulations, and innovative technologies to nurture the next generation of engineers. Whether optimizing complex systems for sustainability or guiding new engineers through the intricate landscape of electrical and artificial lift technologies, Ahmed stands out as a key asset to both his students and the broader engineering community.

### **Professional experience**

#### **January 2023-Until now - Artificial Lift (Electrical submersible pump) Senior Engineer - KHALDA PETROLEUM COMPANY, Egypt**

- I am Electrical Engineer graduated from Alexandria University, Faculty of Engineering, Electrical Power and Machine Department.  
Currently I am working as Artificial Lift (ESP) Senior Engineer working for KHALDA Petroleum Company I am Responsible for Troubleshooting, Surveying around 200 ESP wells at Western Desert  
I have been working in oil and Gas industry +14 years with high demonstrated and solid skills in Horizontal Pumping System Troubleshooting, ESP wells Troubleshooting, Surveying including Troubleshooting, Startup, Testing Variable speed Drives (SLB, TRIOL, BH ADV. Types), Switchboards Attending DIFA (Dismantle and Inspection Failure Analysis) at ESP Workshops.  
Skilled in ESP Application  
I have Worked as Electrical Maintenance Engineer responsible for Low Voltage Distribution

system,Diesel Generators Startup ,Troubleshooting

**October 2009-December 2022 - Artificial Lift (Electrical submersible pump) - Qarun Petroleum Company, Egypt**

- Started my position as Electrical Maintenance Engineer responsible for Disassembly, assembly & troubleshooting for generators (caterpillar) series 3406C, 3412C and module SR4
  - All troubleshooting with (EMCP II & EMCP II+) Electronic modular control panel
  - Working with AVR (VR3, VR6 & R448) automatic voltage regulators models.
  - Electrical maintenance and troubleshooting for MCC (low voltage motor control center), medium voltage 3.3KV circuit breakers, overhead transmission line (11KV), power transformer (step up, step down & tap changer), Emergence Diesel Generator, power cable, etc.or Low voltage ,startup ,Troubleshooting

**Education and qualifications**

Type	Name
2004 - 2008, Bachelor	Alexandria University Faculty of Engineering, Electrical Power and Machine Department

**Language: Arabic, English**