

Ahmed AbdelAty

Instructor

Career synopsis

I have 20 years experience in oil and gas field as Lead Rotating Equipment Engineer at Aramco Base oil Company Luberef, Shell Egypt BAPETCO JV and Weir Oil and gas with LUKOIL West of Qarna project and Eni Zubair field Basra IRAQ.

Working as Mechanical Instructor since 2010 and delivery course with Adnoc ,Armco , SABIC ,Eni ,KNPC and OQ8

My qualifications as follows:

Bsc mechanical engineering

Certified CAMA-2 Certified Asset management Assessor

Certified AIMS ISO Asset integrity Management System

Certified Vibration analysis level 3

Certified MLE machinery lubrication engineer

Certified MLA2 NORIA

Certified Thermography ITC

Certified RCA from AUC

Professional experience

January 2024-Until now - Lead Rotating and Reliability Engineer - Saudi Aramco Base oil Company, Saudi Arabia

- Personnel training
- Knowledge test / assessment

January 2019-January 2024 - Mechanical Technical Authority - Shell Egypt JV, Egypt

- Curriculum development
- Personnel training
- Knowledge test / assessment

January 2014-January 2019 - Lead Rotating equipment Engineer - Weir oil and gas, Iraq

- Curriculum development
- Personnel training
- Knowledge test / assessment

June 2024-Until now - Lead Reliability and Rotating engineer - Saudi Aramco Base oil Company, Saudi Arabia

- Provide expert technical guidance for operation, maintenance, and optimization of all rotating equipment (compressors, pumps, turbines, blowers, mixers, auxiliaries).
Participated in Factory Acceptance Tests (FATs), site inspections, and performance testing for major

rotating equipment packages.

Review MOC (management of change) and EWR (Engineering Work Request) according to Aramco standard

Lead and execute overhaul, inspection, and maintenance of centrifugal pumps (Sulzer, Ebara, ITT), reciprocating pumps (Lewa), screw pumps, and gear pumps (Sundyne, Viking).

Perform major overhauls on centrifugal compressors (Siemens, Atlas Copco), reciprocating compressors (Ariel), and both steam and gas turbines (GE Frame 5, Solar).

Develop and implement maintenance schedules (annual inspections, complete overhauls, preventive/predictive maintenance).

Manage spare parts strategy and inventory optimization for critical rotating equipment.

Conduct advanced machinery diagnostics using System 1 EVO

- Curriculum development
- Personnel training
- Knowledge test / assessment

Education and qualifications

Type	Name
2002 - 2007, Bachelor	Ain Shams university, Mechanical engineering
2014	Vibration institute, Cat 3 vibration analysis, 40 hours
2019	Itc, Thermography level 1, 40 hours
2020	Noria, MLE machinery lubricant Engineer, 40 hours
2025	Wipam, CAMA 2, 40 hours
2024	ISO, AIMS ISO 55000, 40 hours
2016	AUC, FMEA, 40 hours
2017	AUC, RCA root cause analysis, 40 hours

Language: English, Arabic