

Ahmed AbdelAty

Инструктор

Биография

An accomplished Mechanical Engineer and Technical Instructor with over two decades of expertise in rotating equipment, reliability engineering, and asset integrity management across the oil and gas, petrochemical, and industrial sectors. Recognized as a Certified Asset Management Assessor (CAMA-2) and Machinery Lubrication Engineer (ICML), with advanced certifications in Vibration Analysis (CAT III), Thermography, and RCM.

An experienced instructor, having designed and delivered specialized training programs in vibration analysis, dynamic balancing, reliability-centered maintenance, asset integrity, and mechanical systems for leading clients including ARAMCO, SABIC, ADNOC, KNPC, OQ8, and ENI. Adept at customizing training to client-specific assets and challenges, and mentoring engineers and technicians in applying reliability engineering tools and diagnostic techniques.

Qualifications:

Certified CAMA-2 - Certified Asset Management Assessor

Certified AIMS - ISO Asset Integrity Management System

Certified Vibration Analyst - Level III

Certified MLE - Machinery Lubrication Engineer

Certified MLA-II - Machinery Lubrication Analyst

Certified Thermographer - ITC

Certified RCA Practitioner – American University in Cairo (AUC)

Профессиональный опыт

Январь 2024-По настоящее время - Lead Rotating and Reliability Engineer - Saudi Aramco Base oil Company, Saudi Arabia

- Обучение персонала
- Проведение проверки знаний/ассессмент

Январь 2019-Январь 2024 - Mechanical Technical Authority - Shell Egypt Jv, Egypt

- Разработка учебных программ
- Обучение персонала
- Проведение проверки знаний/ассессмент

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

- Разработка учебных программ
- Обучение персонала
- Проведение проверки знаний/ассессмент

Июнь 2024-По настоящее время - 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

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Образование и квалификации

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

Язык: Английский, Арабский