

Aydin Majidov

Instructor

Career synopsis

Aydin M. is a seasoned mechanical engineer and maintenance specialist with an impressive career dedicated to the maintenance and repair of diesel generators, particularly those manufactured by Caterpillar and FG Wilson. With a Bachelor of Science in Mechanical Engineering from Azerbaijan State Oil and Industrial University, Aydin has honed his expertise through a combination of rigorous academic training and extensive professional experience in various high-stakes environments, including offshore oil and gas operations.

Currently serving as an Associate Instructor at the Technical Education Academy since 2024, Aydin imparts his deep knowledge of mechanical engineering principles, focusing on the maintenance of rotating equipment. His courses are meticulously designed to cover core mechanical concepts and the latest maintenance practices, ensuring that learners are well-equipped to handle real-world challenges. Aydin's approach to teaching is deeply practical and interactive, offering hands-on instruction that emphasizes the application of theoretical knowledge to actual maintenance scenarios.

Parallel to his teaching role, Aydin has been a Maintenance Specialist at BP in Azerbaijan since 2023, where he leads significant overhauls and preventive maintenance initiatives. His responsibilities include mentoring maintenance technicians, developing scopes for large equipment repairs, and participating in the transition of maintenance operations into comprehensive maintenance management systems (CMMS). This role capitalizes on his extensive expertise in rotating equipment and his ability to implement cost-saving strategies, particularly in the maintenance of fire water pumps on offshore platforms.

From 2021 to 2023, Aydin excelled as a Senior Mechanical Engineer, where he managed the overhaul and maintenance of critical equipment such as diesel generators and fire water pumps for offshore and onshore projects operated by BP. His efforts in warranty administration and the drafting of technical documentation underscore his meticulous attention to detail and his commitment to quality and compliance.

Before this, Aydin worked as a Commissioning Engineer at Absheron Mechanics LLC in Azerbaijan, where from 2016 he was pivotal in the commissioning of Cummins engines on various marine projects, including air cushion barges and crane ships. His ability to collaborate effectively with international engineering teams and to draft critical commissioning documents played a crucial role in the success of these projects.

Earlier, as a Mechanical Maintenance Engineer at UDT-Technika LLC, Aydin managed maintenance strategies for a wide array of heavy-duty engines and vehicles. His expertise in electronic troubleshooting and preventive maintenance helped enhance the reliability and performance of equipment essential to BP's operations on oil and gas platforms.

Aydin's career is distinguished by his dual capacity as a hands-on maintenance expert and an educator. His instructional role is enriched by his frontline experience in mechanical engineering, allowing him to provide invaluable insights and real-world examples to his students. His professional journey demonstrates a commitment to excellence in both the execution and teaching of maintenance practices, making him a highly respected figure in the fields of mechanical engineering and industrial maintenance.

If you want to learn more about his career path and experience, we highly recommend watching the interview with him, conducted specifically for our Academy <https://www.youtube.com/watch?v=SWd5zyT1Lf0>

Professional experience

June 2017-Until now - Maintenance Specialist - bp, Azerbaijan

- Leading major Rotating Equipment overhauls and preventive maintenance on bp sites.
SME (Subject-matter expert) in Fire Water Pump and Emergency Generator Preventive and Corrective maintenance.
Mentoring maintenance techs. with troubleshooting and maintenance rotating units
Scope development for Campaign/Large rotating equipment repairs/overhauls
Participating in the development of Maintenance Builds and ensuring appropriate elements are transitioned into the CMMS
Following and supporting Global Work Management processes and standards
- Curriculum development
- Personnel training
- Knowledge test / assessment

Education and qualifications

| Type | Name |
|---------------------|--|
| 2010 - 2015, Higher | Azerbaijan State Oil and Industry University, Mechanical Engineering |

Language: English, Russian