



I have got a great 9 years of experience in oil & gas field, marine areas for the maintenance & drilling/production activities. Besides, I have been working for 4 years over the academic field as a lecturer in ASOIU.

Working with people from many countries over the world, dealing with several cultures lead to improve my skills such as problem solving, decision making, leadership, teamwork, and etc. to a high level.

I am a punctual and innovative person who is open to continuous improvements

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Khalig Mammadov

Education:

University: Azerbaijan State Oil and Industry University

- **Bachelor:** Technological machine and equipment engineering (2010-2014)
- **Master:** Mechanical Engineering (2014-2016)
- **Ph.D:** Machines, Processes and Equipment (2017-2022)

Thesis: Calculation of Universal (Annular) Blow out preventors in sandy wells (well depth 800m)

Dissertation Topic: Research of the friction in hermetic elements of the valves being operated remotely

Research Work: Increasing workability of straight flow valves work under high pressure

Industrial Work Experience:

SAIPEM CONTRACTING NETHERLANDS., B.V AZERBAIJAN BRANCH

VMS/ Deputy of Vessel ASSET Manager - 02 Dec., 2018 - present

Asset Maintenance Engineer - 02 Dec., 2016 - 30 Nov., 2018

Upgrade Engineer -Junior; 23 Dec., 2015 - 01 Dec., 2016

Upgrade Engineer -Trainee; 23 June, 2015 - 22 Dec., 2015

Installation Engineer - Intern; 03 Nov., 2014 - 22 June., 2015



Involved vessels: Derrick Barge Azerbaijan; Dive Support Vessel "Akademik Tofik Ismayilov"; Pipelay Barge Huseynov; STB-1; Subsea Consctruction Vessel "Khankendi".

Job Description:

- Ensure full technical efficiency, by proper coordination of maintenance/upgrading activities, for the assigned vessel in accordance with class and international rules and standard as well as with the offshore operations
- Coordination of the repairs in case of serious breakdown
- The coordination / supervision of ordinary and extraordinary maintenance, in cooperation with Procurement function, in order to guarantee the operability of the vessel
- Coordinate maintenance team guaranteeing, in compliance with schedule, cost quality and safety
- The technical support to the vessel management for the implementation of the maintenance and the corrective actions to solve the daily technical problems, within the assigned budgets
- The technical support to the vessel management for the optimization of the spare parts and the required bureaucratic proceedings to obtain and renew the certifications of the naval units and specific equipment
- Provide data, reports and information necessary for the preparation of the budgets of maintenance and investments as well as prepare estimations and specifications for the purchase of materials and carry-out works in compliance with practices and in collaboration with safety officers, marine authorities and bodies responsible for the issue of authorizations and special permits
- Carry-out on board visits and audits for inspection and co-ordination with persons in charge of routine and special maintenance activities also supporting in the audits requested according with ISM and ISPS certifications as well as liaise with Certification Societies and International Bodies
- Support the Manager in the preparation of technical specifications & technical bid evaluation and in the definition of the programs of use / stand-by
- Fully adhere, at all times and irrespective of the work place, to Company Health, Safety, Environmental and Quality (HSEQ) policies, procedures and requirements;
- Perform other related duties as assigned by Superior.

Branches of

STATE OIL COMPANY OF AZERBAIJAN REPUBLIC

SOCAR Bibiheybat NQCI (July 2014-Sept., 2014)

Mechanical Engineer - Trainee

SOCAR "AZERNEFTYAG" (July, 2013- Sept., 2013)

Mechanical Engineer - 9th Degree

SOCAR "Logistic office" (July, 2012-Aug., 2012)

Mechanical Engineer - Intern



"Oilgasscientificresearchproject" Institute (March, 2012 - June, 2012)

Industrial experience (Researcher)

Astara gas- compressor office (July 2011-Sept., 2011)

Mechanical Engineer - Intern

HALLIBURTON (July 2013 - Sept., 2013)

Slickline & WPS segment Engineer

HALLIBURTON

BP- British Petroleum (Oct., 2013 –Jan., 2014)

Mechanical Engineer-Mentorship program



SOCAR-AQS (Aug., 2014-Sept., 2014)

Mechanical/Maintenance Engineer - Trainee



Academic Work Experience:

Azerbaijan State Oil and Industry University (Sept., 2018-present)

Lecturer- Technical English (mechanical section, between 2018-2022)

Lecturer -Oil and Gas equipment (drilling & production, in 2021 for a semester)

Lecturer - Tribology (mechanical section, in 2021 for a semester)

Lecturer - Oil and gas equipment (mechanical section, in 2021 for a semester)



Bundes Club (Mar., 2014 - July, 2015)

English Teacher



Languages:

- | | |
|-----------|--|
| • English | Working & Academic (IELTS) Proficiency |
| • Russian | Elementary |
| • Italian | Elementary |

Computer skills:

- | | |
|-------------------------------|-------------------------------------|
| • AutoCAD | • SolidWorks |
| • Microsoft MS office package | • NS5 - Planned Maintenance System |
| • Corel Draw | • AMOS - Planned Maintenance System |
| • Autodesk Inventor | • SAP (maintenance & PSCM) |
| • MS project | • IBIS (Document Management System) |

Trainings, Awards

International Trainings:

- BULGARIA - International Training - "GREENlicious" June, 2021
- MOSCOW – International Forum "Across the Universe V.2" – 10.09.2017-17.09.2017
- MOLDOVA- international training – "Women Got the Power"
- BOSIET (Basic Offshore Safety Induction and Emergency Training)
- STCW (Standards of Training, Certification and Watch keeping for Seafarers)

National Trainings and awards:

- ASOIU & DAAD – Summer School (10days/31.07.2017 -11.08.2017)
- SOCAR –Summer School (10days, 03.08.2014-13.08.2014)
- Junior Achievement (“Finance education, Business ethics, Work capability, For career” trainings)
- SPE – trainings related to the speciality
- Caspian Engineering Society – presentation Contest (2nd place)
- CES - Winter Camp–granted by Azerbaijan Youth Foundation
- AEGEE-Baki – my projects: Funny English Time 1; Funny English Time 2
- SOCAR scholarship's winner for 3 years (2013, 2014, 2016)

Academic Publications:

- Mammadov Kh.S., Aslanov C.N. - **increasing improved plug valve’s efficiency**; science, technology and higher education materials of the ix international research and practice conference; december 23-24, westwood, Canada 2015, p.235-239
- Mammadov Kh.S. **Study of wear resistance generated during friction in the packing units of valve**, PhD students and young researchers Republican scientific conference XIX, Volume I, Azerbaijan State Economic University, Baku, 2015, p.161-162
- Mammadov Kh.S.– **increasing workability of hermetic elements of butterfly valves**, International Scientific Conference of Young Researchers Devoted to the 94-th Anniversary of Azerbaijani National Leader Heydar Aliyev, Baku Engineering University, May 05-06, Baku 2017
- Aslanov J.N.; Mammadov Kh.S., **Discounts in the discounts complementary and consolidated analysis** – Azerbaijan Technical University, Scientific Works №4, 2017; p.48-51
- Aslanov J.N.; Mammadov Kh.S., **Increasing Reliability of The Improved Machines and Equipment: Determination Of Productivity Criteria** - Bulletin of Environment, Pharmacology and Life Sciences Vol 7 [1] December : 55-58, 2017 Academy for Environment and Life Sciences, India
- Mammadov Kh.S. **Determination of reliability in butterfly valves and their comparative evaluations** - Azerbaijan Technical University, Scientific Works №4, 2017; p.48-51
- Mammadov Kh.S. **Comparative analysis of Butterfly valves being used in Industry** - Bulletin of Environment, Pharmacology and Life Sciences Vol 8 [9] August 2019 : 88-90., 2019 Academy for Environment and Life Sciences, India
- Aslanov J.N.; Mammadov Kh.S., **Increasing the longevity of improved straight flow valves**- Scientific Conference of Young Researchers and Doctoral Students (dissertators) dedicated to the 98th anniversary of national leader Heydar Aliyev, Azerbaijan State Oil and Industry University (ASOIU) May 20 -21, 2021