

Jaafar Al Hammad

Professional summary

Motivated mechanical engineer with over one year experience in quality control mechanical inspection, including joint fit-up inspection, leak and PMI test, hydrotest, surface preparation, and coating inspection Seeking position as Mechanical Engineer.

Work history

➤ Applus Velosi - Quality Control Inspector

Dhahran, Saudi Arabia 11/2019 - Current

- Conducted several inspections, tests and measurements such as leak test, PMI test, Hydrotest, NDT, fit-up and dimension inspections of pressure vessels, and gaskets to verify adherence with regulations and desired specifications.
- Inspected surface preparation, primers, mid-coats, and powder coatings on different spool structures.

➤ Saudi Aramco - Coop trainee as maintenance Engineer

Jua'yamah gas plant, Saudi Arabia 01/2019 - 05/2019

- Witnessing troubleshooting and repair for complex mechanical equipment, including fin fan overhauling, oil filter replacement.
- Carried out dismantling of a compressor due to bearing failure, and installed new parts.
- Reading a case study about mechanical sealing, enabling causes and recommendations for mechanical sealing.

Education

➤ Jubail university college 05/2019

Bachelor of science in Mechanical engineering

- Awarded as a second honor with a grade of 3.43/4.0.
- Senior courses:
 - Maintenance
 - Machine design
 - Heat transfer
 - Energy conversion
- Senior design project of vertical access wind turbine

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Skills

- Quality control testing and inspection.
- AutoCAD and solid works drawing program.

Certifications

- CSWIP 3.1.
- Non-destructive testing.
- IELTS test score of 6.5.