

Muhammad Qasim

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Objective

Recent graduation of ABET-accredited bachelor's-degree program seeking an entry-level aeronautical engineer position. University studies have provided a foundation in: Mechanics, Aerodynamics, Aircraft design, Aircraft Engines, Fluid Mechanics, Thermodynamics, Heat Transfer, and 2D and 3D CAD design tools.

Experience

1) Al Minnen Company

HSE Supervisor

December 2018 – Till Now

Job Responsibility

- Take a complete idea about the project from the Supervisor or Engineer.
- Study the full safety that need it on the site and tell the Supervisor or Engineer about it.
- Take the work orders from the supervisor before two days of the work and coordinate with him daily before working to prepare all safety requirements.
- Coordination with the safety officer of the main contractor before one day of the work to prepare all the necessary requirements for the work.
- Make permit to work (cold/hot) and obligation not to perform any work other than specified by the permit.
- Provide safety / protective equipment for employees, including (helmet, coverall, paws, glasses, safety shoes).
- Identification of potential hazards in the work environment (physical / mechanical / electrical / biological / chemical and negative) in terms and how employees are exposed to their risks and effects on the health and safety of employees in workplace

- Attending the meetings, give an opinion on the results and decisions, and develop procedures and operational programs for occupational health and safety.
- Inventory the safety equipment at the sites and put them in the list to prove their return to the projects.
- Do any duties would be asked by managers.

2) Basra International Airport

Summer Training

2016-2017

Results of Training

- ✓ Basic Airplane Preflight Inspection.
- ✓ Introduction to aircraft components.
- ✓ Aircraft Flight Control
- ✓ Theory of Flight
- ✓ Principles of Flight
- ✓ Forces act on Airplane
- ✓ Checking Airplane.
- ✓ Flight safety procedures.
- ✓ Watching Airplane during Take-off and Landing to see what happening through it.

Education

Bachelor of Aeronautical Engineering

Al-Furat Al-Awsat Technical University

2014-2018

Graduation Project

In graduation project (**Wing with Rotating Fans**) we designed and manufacture a new wing and We did three experiments for wing in wind tunnel:

- **The First Experiment** is wing with no fans; the wing model is tested, and the results of the braking were obtained without any changes. This is the standard wing (classic).

- **The Second Experiment** is wing with fans rotating at clockwise direction, a test was carried out for the wing model, it was observed that the braking force increased significantly.
- **The Third Experiment** is wing with fans rotating at anticlockwise direction, there was also a test of the wing model, and it was observed that the braking force increased by a very large amount.

We observe the values of (L/D) is Reduced in the second and third experiments, compared with the first experiment, and here we get the conclusion is:

That the drag force is greatly increased, with maintain a sufficient value for the lifting force, and thus we can say that we got a system to reduce airspeed plane while landing on the runway.

Certifications

- General Industry (**36-hour OSH Supervisor**)
- Personal Protective Equipment (**PPE**)
- Health Safety and Environment (**HSE Oil & Gas**)
- First Aid Basics
- Project Management Professional (**PMP**)
- Microsoft Office (**Excel, Word, PowerPoint, and Outlook**)
- Advanced English Course

Computer Skills

- AutoCAD
- ANSYS
- MS Office (Excel, Word, Power point)
- Outlook
- Format Computer
- Gmail
- Internet Browser

Other Skills

- Ability to Work Under Pressure
- Leadership
- Teamwork
- Time management

Languages

- Arabic - Mother Tongue.
- English - Good at Listening, Speaking and very good at Reading, Writing.