

Name: Wael Alalaiw

Objective

- I seek the opportunity to utilize my skills and profession in a well established company in the Applied Mechanical Engineer in Operations, Maintenance, Technical Support, Sales & Marketing, Contracting, Business Development, Project Management and Management for Oil & Gas Industry.

Experience 1- (Jan, 2019 / Still Working until Now)

A- Company Name : Femco Company (Faisal for mechanical and electrical work).

Function: (Site Engineer) in Riyadh Refinery of Saudi Aramco which is (one of the main companies in Saudi Arabia).

Duty of work:-

- liaising with third party stakeholders and managing the site facilities
- Planning, technical queries, marking out and leveling construction sites before any work takes place.
- Checking drawings, quantities and ensuring calculations are accurate.
- Share responsibility for health and safety, security as well as organizing and supervising people and materials on site.
- Resolving any technical queries and other problems that may crop up
- Liaising with sub-contractors.
- Give advice for client
- Checking all the materials of project which must be completed before starting the work.

B- Company Name : Femco Company (Faisal for mechanical and electrical work).

Function: (Site Engineer)

Project :- Establish the infrastructure of King Faisal University Hospital in Al Hasa.

Duty of work:-

- liaising with third party stakeholders and managing the site facilities
- Planning, technical queries, marking out and leveling construction sites before any work takes place.
- Checking drawings, quantities and ensuring calculations are accurate.
- Share responsibility for health and safety, security as well as organizing and supervising people and materials on site.
- Resolving any technical queries and other problems that may crop up
- Liaising with sub-contractors.
- Give advice for client
- Checking all the materials of project which must be completed before starting the work
- Making RFI for inspection of done work through the system to inspect by Consultant
- contact the companies to get the prices of materials that are needed for project then compare with the current price

2- (April, 2016/Dec, 2018)

Company Name :- Nasser Saed Al-Hajri company for construction pipeline (Jubail Industrial city)(one of the main contract company with Saudi Aramco).

Function :- I work in planning Department (**Planning Engineer**).

Duty of work :- Check and review (piping)P&ID in Planning Department , isometric drawing, and Material Take Off (MTO), and cross reference with Industry Standards such as American Society of Mechanical Engineers (ASME), American Petroleum Institute (API), and Saudi Aramco Engineering Standards (SAES).

- Prepare all the missing Material Take Offs (MTOs) and propose them to the client for approval.
- Prepare the Crude Oil Well Maps for piping isometric drawings.
- Follow up with site engineers, QC supervisors and material department to make sure all the clients' requirements are met in term of time and specifications.
- Using Excel, and word office and special programs to edit technical engineering drawing such as spools, Field weld (Fw) ,shop weld (Sw) length and, size .

Company Name : Technical institute .

Function : I worked as Trainer.

Duty of work: - prepare and educate students starting with teaching technically the basics of subjects such as welding, and manually engineering drawing then move to more complex. Also, create lesson plans and teach these plans to the entire class, individually to students or in small groups .In addition, I create tests, and prepare students for tests.

Education

- **Jun 2011 – Jun. 2014** Graduated from Otago Polytechnic in New Zealand (through Kingdom of Saudi Arabia Academic Scholarship Program)
- **Bachelor of Engineering Technology (Mechanical) Mechanical Engineering with GPA 3.18 out of 4.**
- **2008 – 2010** Graduated from Technical Collage of Ahsa in Saudi Arabia
- **Diploma Applied for: Hydraulic and Pneumatic System.**

Courses of Relevance for Mechanical Engineering :

- Strength of material (1 &2).
- Thermodynamic and heat transfer Material (1 & 2)..
- Mechanic. (Calculations)
- Mechanical Design
- Professional Engineering Development.
- Engineering Management Principles
- Project Management Principles.
- Engineering Communication
- Engineering Computing
- Engineering Mathematics (1 & 2).
- Electrical and electronic principles
- Engineering development Project
- Professional Engineering Practice
- Fluid Power and Advanced Fluid Mechanic.

Skills and Curricular

Courses and Certificates

- Excellent English(high level of reading, writing and analytical skills).
- Computer program(IC3) Course for one week from New Horizons Institute.
- Teaching Course called higher education for 3 months from Unitec Institute of Technology in New Zealand.
- Work health and safety (WHS) Course for 4 months from (OGM Technical Institute).
- Goal setting and productivity course for 4 months from (OGM Technical Institute).
- Communication skills course for 4 months from (OGM Technical Institute).
- Business Ethics course for 4 months from (OGM Technical Institute).
- 10 soft skills course 4 months from (OGM Technical Institute).
- [OSHA General Industry Training Course](#) .
- [Certificate of Professional Accreditation](#)
- [Work Permit Receiver Certificate from \(Saudi Aramco Company\)](#)

Personal Skills

Technical Skills

- | | |
|--------------------------------|---|
| • Analytical skills | * Microsoft Office (Excel, Power Point, word) |
| • Problem Solving | * AutoCAD Program. |
| • Teamwork | * Sap Program for Request Materials. |
| • Communication. | |
| • Ability work under pressure. | |
| • Negotiation and persuasion. | |
| • Soft Skills | |