



Hazem Adnan Abo-Homaed

Industrial Engineer

(Metallurgy Lab Manager)

CONTACT

✉ hasasu87@gmail.com

☎ +966 592888807

📍 K.S.A, dammam

👤 Syrian | Single

📅 DOB : Jan 16, 1987

SKILLS

- Microsoft office :
 - word
 - excel
 - power point
- AutoCAD
- LIMS program
(lab information management system)

LANGUAGE

- Arabic (Native)
- English (Very Good)

PROFESSIONAL SUMMARY

Total of 10 years' experience in Oil and Gas fields Quality Assurance / Quality Control, welding Inspection activities in major industries like **ARAMCO** and **SABIC**, as well experience of **SASO 17025** accreditation for chemical lab & mechanical test lab, ARAMCO approval for Mechanical test (**ASME, API, AWS**) issue /review (**PQR, WQT**), accreditation of **ISO 17025** for metallurgy lab & chemical lab.

Certified as lead auditor ISO 9001:

- Issuing manuals and procedures for NDT section, Chemical Lab, and Metallurgy Lab as per the standards and following safety requirements for all sections by following national and international standards.
- Managing and auditing the departments as per **ISO 9001**.

EMPLOYMENT EXPERIENCE

- **Apr, 2011- Present** **Industrial support services (K.S.A, Dammam)**
(Industrial services) Assigned Apr.2011 – Present Tasks:
 - QA/QC Manager. (M.R)
 - Preparing company procedures and manuals SOP.
 - Implement internal audit for all department.
 - Attend external audit upon our organization. (from SAC, IEAC & TUV NORD)
 - Prepare management review meeting.
 - Deputy of mechanical lab manager (destructive tests).

Sep.2016 – Present Tasks: (beside above tasks)

 - Metallurgy lab manager (destructive tests).
 - metallurgy testing following national and international standards (SASO, ASME, ASTM, AWS, & API)
 - welding inspection, issue PQR, WQT.
 - Manage tests processes and issue reports following ARAMCO standards.
- **May, 2010 – Apr,2011** **Bin Ladin group (K.S.A, Jeddah)**
(HVAC department)
Mechanical design of buildings for heating, ventilation and air condition by using AutoCAD program.
- **Feb, 2010 - Mar, 2010** **Hamza Khushaim & Mohammad Jamal Co. (K.S.A, Dammam)**
(Hydraulic presses, steel molds, casting & steel structures) *Production line*
 - Analyzing engineering drawings & deciding on the best implementation approach.
 - Developing fabrication specifications
 - Assigning tasks & following up on the production process
- **Sep, 2009 - Dec, 2009** **EagleBurgmann com. (K.S.A, Dammam)**
(Mechanical seals & packing material) *Summer Training*
Introduction to the quality control procedures & equipment used for quality control.

EDUCATION

- 2004-2009 Bachelor's degree in Industrial Engineering
Applied Science University, Jordan, Amman
Introduction to the quality control procedures & equipment used for quality control.

TRAINING COURSES

- 2012 Level II NDT test (ANSI / ASNT CP – 189 Ed.2006),
Saudi Arabi, Dammam
● UT, MT, PT, RT.
- 23-28 Apr, 2011 TUV NORD Saudi Arabia,
● Training Course on Internal Quality Auditing (ISO9001: 2008).
- 16-17 Feb, 2013 ALDAR Audit Bureau Saudi Arabia,
● Attended audit for one month & Training Course on Combating financial fraud & Embezzlement.
- 19-23 Aug, 2013 TINIUS OLSEN LTD. LONDON, UK
Training Course on:
● Universal testing machine.
● Metals impact tester.
● Vickers hardness tester.
● Horizon data analysis software.
- 13-19 May, 2014 Lloyd's Register LRQA. Alkhobar, KSA
● Training Course on QMS Auditor/Lead Auditor (ISO9001: 2008).
- 03-09 Mar, 2015 TUV NORD Saudi Arabia,
● Training Course on ISO 17025 Internal Auditor.
(ISO/IEC 17025 is the main ISO standard used by testing and calibration laboratories, and most labs must hold accreditation in order to be deemed technically competent).
- 01-02 May, 2017 TUV NORD Saudi Arabia,
● Training Course on Internal Quality Auditing (ISO9001: 2015).
- 24 Jul, 2017 Naizak Saudi Arabia,
● Training Course on Automatic Hardness Machine (Falcon 500).

ACADEMIC PROJECTS & ACTIVITIES

Senior project : Developed a **feasibility study** for the establishment of an electrical heaters plant in Jordan. The study was conducted with a colleague.

- **Automation** of solar water heaters using PLC – team member.
- Lead a project in **facility planning** to develop better working environment in terms of lighting, facilities layout and parking for juice factory.
- Assisted a professor in university in **creating a device** to measure the specific heat of materials.
- Participated in a campaign for the student's council election. Our list won the elections that year.

AREAS OF INTERESTS

Interested in areas of industrial engineering concerned in development, implementation, and evaluation of integrated systems of people, knowledge, information, material and process. Moreover, interested in designing new prototypes that improve efficiency & reduce cost.