

SAHM ALDEN A. ABD AL AL

PERSONAL DATA

- Name: Sahm alden Anis Maohammad Abd al al.
- Place of birth: Zarqa-Jordan.
- Date of birth: 29/10/1987.
- Citizenship: Jordanian.
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- Driving License: YES.

EDUCATIONAL BACKGROUND

- 1) M.Sc. Degree In Infrastructure Engineering From Széchenyi István University Is Located In Győr-Hungary, Graduated In Jun/ 2019.
 - Corse Includes: Earthworks And Geotechnical Design, Hydraulics, Mechanics, Bridges Design, Tunnels, Railways, Construction Materials.
 - Grade: Excellent (4.85/5).
- 2) B.Sc. Degree In Highway And Bridge Engineering (Civil Engineering).
 - Corse Includes: Structural Analysis, Reinforced Concrete Design, Steel Design, Foundation Design, And Highway And Pavement Design, Bridge Design .From AL-BALQA APPLIED UNIVERSITY, Graduated In 2011
- 3) Diploma in Civil Engineering from Faculty of Engineering Technology (FET), Graduated in 2008.

WORK EXPERIENCE

- **Working as Fabrication & Welding Engineer in Global Smart Co. from 09/01/2011 to 01/7/2014 (Amman-Jordan) as the following Projects:**

- Steel structure and Steel Piling works in Aqaba New Port II, LNG & LPG Ports Projects.
- 8 Km Superstructure Steel Pipe Rack Project for Arab Potash Co.
- Mechanical Works in west Amman, Kufranja waste water treatment plants and in Amman Grain Silos Project.
- Galvanized Steel Mounting Structure Systems for 200 MW photovoltaic Projects.
- Welding's & Fabrications for 14inches Diameter Steel Pipe Line lengthen 4KM and 11,000 Cubic Meter Water Storage Tank Pre-Fabrication projects in JPRC.
- Substitution stainless Steel upper backing Sections Project (welding & fabrications) in Jordan Bromine Company.
- 200,000 Square Meter Steel Structure Projects (Built up, Standard) Section Systems.
- Rehabilitation of the Cutter Ship Dredgers Hull in Arab Potash Company
- APC Factory Shutdowns Projects (Track chains Rehabilitations, Pipe Racks Replacements, HCP & CCP Corroded Pipes Replacements) .

Duties and Responsibility:

- Selection of (Consumables, Base) Materials according to their microstructure and Required Mechanical Properties.
- Export and create detailed 2D and 3D drawings for Structures Structures by using AutoCAD, Inventor and Revit software's.
- Analysis of complex, compound and irregular structural elements using the finite element method FEM.
- Structural Design of Welded Connection using software's, manuals, standards and codes.
- Monitoring and Executing of Fabrication & Mechanical Works within the Required Quality & Project Time Line.

- Monitoring Welding Process (Heat Treatment, Environment, Welders Qualifications, Procedures, etc.) as Per Codes & Standards.
 - NDT Welding Inspections (Visual, Penetrant Test, Ultrasonic Test)
- **Working in Workshop of Steel Structures and Metals Works as a Fabrication Manager and Welding Quality Controller in Amsterdam Contracting Co. from 01/08/2014 to 20/08/2017 and from 19/08/2019 to 20/11/2020 as the following:**
- Defining And Writing Standard Operating Processes, Creating Production Work Schedules, Developing And Training New Employees, Production Planning, Designing Technical Fabrication And Welding Processes.
 - Estimating The Quality and Strength Of Welded Structures, Checking Welding Steps, Inspecting Welded Structures, Issuing New Welding Mechanism and Explaining Proper Welding Specifications.
 - Estimate costs, prepare budgets, Monitor production & shooting schedules of Welded Built up Structures.
 - Conduct routine monitoring, testing and inspections for relevant records to confirm correct quality, specifications and efficiency.
 - Verifying used materials are acceptable based on codes and standards.

ACADEMIC COURSES

- Finite element analysis & simulation using Autodesk Inventor software
- Application of Software Seismic Design of High Rise Buildings.
- Design of Concrete Structures Using Codes, Manuals & SAP Software.
- Design of Concrete Structures Using BROKON, SAFE, ETABS.
- Bentley Management Training Course by Using Project Wise Software in Amsterdam.
- Jordanian Constructions Contractors Association Proficiency Exam
- ASME Training Course Entitled: Certified Welder Inspector.
- SGS Training Course Entitled: Quality Control in Welding Works.
- City & Traffic Training Course in Vienna

SKILLS & ADVANTAGES

- Member in Jordan Green Building Council.
- Member in Jordanian Constructions Contractors Association.
- Member in American Society of Mechanical Engineering
- Professional in AutoCAD & Inventor drawing (2D, 3D).
- Good speaking and writing in English language.
- Good skills in using Excel, WinWord& Outlook Express.
- Good skills in using personal Computer and Internet skills.
- Multi tasks and work under pressure.
- Leadership Skills
- Coordination Skills.
- Problem Solving Skills.
- Ability to Deal with the Customers.
- Public Relations Skills.

REFERENCES

- Eng. Mohammad Anis, Elect. Engineer, CEO, Tel: +962795264882.
Global Smart Co.
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-Eng. Tariq Mohammad, Elect. Engineer, Sales Manager,
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-Sz. FISCHER (PhD, Dr. habil.) is an Associate Professor at Széchenyi István University.
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