

RESUME

I. PERSONAL

NAME : **Ali Hassan Al Marhoon**
NATIONALITY : Saudi
DATE OF BIRTH : 1982
MARITAL STATUS : MARRIED
DISCIPLINE : Designer Civil- Structural /Architectural
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II. EDUCATIONAL ATTAINMENTS : **AutoCAD 2D & Productivity Tools Certificate** for 6 months (03JUN-2006 to 02DEC-2006) from the Technical Seminars Center Company.

- Certificate in Manual Drafting Course from Technical Seminars Center Co. for (4) months.
- Certificate in Computer Course in Microsoft Office from Technical Seminars Center Co. for (2) months.
- Certificate in English Courses from Technical Seminars Center Co. for (1) year.
- Training program for English language in advanced English grammar 2010.
- AutoCAD basic 2012 held between 11-march 2012 to 24-march 2012 from JB international trainings.
- Certificate of Participation (Accounting for non finance employee) 02 May 2013 Petrofac Saudi Arabia
- Certificate of Completion (Petrofac Driving safety classroom Training & Exam) 06 June 2013.
- Certificate of Completion (Technical Engineering English Course) 03 Dec 2013.
- Certificate of Completion (Smartplant 3D Civil & Structural) 28 Sep 2017
- Certificate of Completion (REVIT Essential Training) 12 Oct 2017
- Certificate of Completion (Basics of Interior Design) 24 Feb 2021

III. WORK HISTORY :

Has accumulated (15) years of diversified experience in both manual and CADD drafting using both Microstation and AutoCADD in Architectural, Structural and Civil, checking and inspection during fabrication and installation of structural and plumbing works in addition to accumulated instructor experience to share knowledge through multiple structured training programs.

PIV. DETAILED WORK EXPERIENCE:

➤ **Sep 2019 - Present (Designer)**

MACDERMOTT, Khobar, KSA

Worked at McDermott Arabia Company Ltd. (services for offshore)

- Prepare detailed drawings for offshore and onshore projects in engineering department in Saudi Arabia office

➤ **Jan 2017 - Sep 2019 (Designer / CADD Operator)**

WorleyParsons Engineering Consulting Company “WPECC” GES+, Dammam, KSA

BI-10-02128- SULFATE REMOVAL FACILITIES:

Porpose of project to develop a new site at Ain Dar that include new gatehouse, gate sun shade, turnstile gate and shade, support buiding, substation, operation buiding, nano filtration buiding, parking shade & smoking shelter. And my responsibilities as follow:

- Perform Layout Plan for new building according to IBC 2009 requirments.
- Standard detail drawings as Saudi Aramco latest standard.
- Reviewing the drawings to ensure compliance with design standards.
- Knowledge of coordinate systems with HVAC and electrical disiplines.

Contract # HQ428PC16; SOUTH AREA SAFETY RELATED FACILITIES

The existing Fire Station #2 and its support facilities at the south area of Al Khafji onshore facilities are out of date and require replacement. The purpose of the project is to replace the existing Fire Station #2 and its relevant support facilities to provide effective Emergency fire protection response to COMPANY Onshore Facilities and to communicate with the other existing Fire & Gas safety systems in South Area seven (7) Control Rooms as well as Communicating with Fire Station No.1 located at North (office & community) Area, And my responsibilities as follow:

- Prepae and standraize buiding and facility layouts regarding to proposed 3D model.
- Standard detail drawings as KJO standards.
- Reviewing the drawings to ensure compliance with design standards.
- Knowledge of coordinate systems with HVAC and electrical disiplines.
- Prepare enlarge detaied drawings for new building and facilities location layouts.
- Prepare Archetuctural detailed drawings for the new building and facility.

EWO Jobs; Engineering Work Oredr:

The proposed of EWO project to perform proposeal/ conceptual and deatild full design for various Client projects (Buiding, Infrastructure and Oil & Gas), relevant projects:

- EWO 17C021A - Assess and Rectify Fire System at DH ITC Sports Facility, Dhahran.

- EWO-18B215 _Design of Support Building for UFSU at Udhailiyah.
- EWO 18C022A -Upgrade Fire Protection & Alarm System (WH # 2, 3 & 4) Juaymah.
- EWO-18B204, Water Supply System DEsign for UFSU Support Buildings at Udhailiyah.
- EWO-17C059A, Replacement of Main Electrical Switchboard at Building 3333 RT ITC.

BI-28-15002 South Dhahran ownership site development:

Responsibilities:

Worked as a Designer/CADD:

- Prepared Layout Plan using basic design and engineering principles.
- Longitudinal profiles of all wet services (PW/WW/TSE)
- Standard detail drawings
- Clash analysis on Civil 3D
- 3D environment
- Reviewing the drawings to ensure compliance with design standards
- knowledge of coordinate systems
- Prepare assignments with Autocad and Microstation CAD techniques.

➤ **Oct 2014 - Oct 2016 (CADD Operator)**

MUSTANG-HDP GES+, Al Khobar, KSA

- BI-10-01810 (SCOPE 2), pipeline pump station.
- BI-10-01055: JAZAN REFINERY.
- BI- 10-03097 (YANBU)EAST/WEST PIPELINE PUMP STATION #3,6 and 10. (RESIDENTIAL BUILDINGS).
- BI- 10-01810: (YANBU)EAST/EAST/WEST P/L PRESS REDUCING STA #1. (RESIDENTIAL BUILDINGS).
- BI- 28-00013: SOUTH DHAHRAN HOME OWNERSHIP AJYAL (APARTMENTS).
- HALL AL-JAAR HOUSING PROJECT (RESIDENTIAL BUILDINGS).
- BI- 25-00053 RAS-AL-KHAIR, TEMP.CONST. FACILITY. SAPMT CAMP SITE OFFICE

Responsibilities:

Worked as a CADD:

- Prepared Layout Plan using basic design and engineering principles.
- Standard detail drawings
- Reviewing the drawings to ensure compliance with design standards
- knowledge of coordinate systems
- Prepare assignments with Microstation CAD techniques.

➤ **15 April 2014 – 08 Oct 2014 (CADD Operator)**
SNC-lavan Fayes Engineering (SLFE)., Al Khobar, KSA

PROJECTS:

- BI 10-01382-0001 DHAHRAN RESIDENTIAL HOUSING CAMPUS project for Saudi Aramco
- BI-10-01924 Residential Housing RasTanura&Udhailyah project for Saudi Aramco
- BI-10-01382 Expend Dhahran Community Housing Project Dharan CAMP, Increment II
- 600012 Residential Housing Dhahran - Package 1 & 2 Increment I

Responsibilities:

Worked as a CADD:

- Prepared Layout Plan using basic design and engineering principles.
- Standard detail drawings
- Reviewing the drawings to ensure compliance with design standards
- knowledge of coordinate systems
- Prepare assignments with AutoCAD and Microstation CAD techniques.

➤ **April 2013 – April 2014 (CADD Operator)**

PETROFAC SAUDI ARABIA CO. LTD, Al Khobar, KSA

PROJECTS:

➤ **April 2013 – April 2014(CADD Operator)**

Rabigh Phase II Petrochemical Project

Packages: Common Utilities and Tank Farm

Petro Rabigh Plant

Client: SAUDI ARAMCO and SUMITOMO CHEMICAL Co. LTD.

This project is covering the engineering, procurement, installation, pre-commissioning and commissioning support of all equipment / systems included in the packages mentioned above.

➤ **Assignment and Responsibility**

- Using Microstation for Architectural, Structural and Civil Design and Draft the Electrical Substation Buildings and Process Interface Buildings as per project and Aramco specifications and standards.

- Coordinate buildings interfaces with other disciplines like Electrical, Instrumentation and HVAC.

July 2012 - March 2013(CADD Operator)

RADICON-GULF CONSULT, Al Khobar, KSA

- Working as CADD Operator to support the CADD team in performing various engineering design works for
 - ROYAL COMMISSION:
 - Sipchem Home Ownership Project
 - IT CENTER CONSULTANCY PROJECT IN JEDDAH
 - MA'ADEN:
 - Third Party Verification for Plant & Non-Plant Building of Raz Project
 - Local/private clients.
- Duties and responsibilities includes digitizing and editing vector and raster drawings and preparation of architectural and mechanical CAD drawings as required for engineering design package

December 2005 – July 2012(CADD Operator)

Nesma & Partner's Company, Al Khobar, KSA

- I have joined the company since 1/12/2005 At Nesma, I was developing AutoCAD drawing for the following projects:
 - NCC (Najran Cement Company)
 - NCB (Construction of National Commercial Bank - Regional Office Building, Riyadh): mainly in Piping and HVAC.
 - KAUST (King Abdullah University for Science and Technology)
 - Petro Rabigh Oil Refining and Petrochemical Complex
 - JODP (Jabal Omar Project, Makkah)
 - Panal Board Factory
 - GOSI Olaya Tower in Riyadh: mainly in communication field.
 - Diesel Hydrotreater Complex (DHT) in Ras Tanura Refinery
 - Nesma Training School

I have been able to convert 3D into 2D Design files. I have worked on exchanging CAD data with other Applications, creating Cell Library and conversion of AutoCAD Drawings to Microstation for “As-built” final submission.