

AHMED AL-SALEM

Engineering: Electrical Designer

Mobile (+966) 566633178 · Phone (966) 3 8236191 · ahm.a.777@gmail.com

Skilled, organized and detail-oriented Designer with expertise in both offshore and onshore projects. Coactive team player with an outstanding productivity in delivering the highest quality engineering drawings and schedules to serve the project in its various stages, from feed package evaluation, up to construction and as built stage.

EXPERIENCE

APRIL 10TH, 2016 TO PRESENT

ELECTRICAL DESIGNER

MCDERMOTT ARABIA LTD., AL KHOBAR

- Worked on SP3D modelling of EDP (electrical distribution Platform), electrified TPs (Tie-in Platform), electrified PDMs (Production Deck Modules), and GLDMs (Gas Lift Deck Modules) - WHPs (Well-Head Platforms).
- Developed various electrical engineering drawings including SLD, Electrical Details Drawings, Cable Tray Layouts, Cable Tray Loading Schedule, Cable Routing, Splice Case Detail Drawings, Lightings Details, Equipment Details.
- Developed wiring Diagrams and Cable Termination Drawings.
- Worked on MTO estimation for hardware, cable tray, grounding materials, cable glands, cable lugs, and conduits to provide final input for discipline procurement engineers involved in procurement of electrical materials (Material Requisitioning and Purchase Requisitioning).
- Assisted project discipline engineers in development of conceptual layout for lighting and cable tray routing.
- Liaised with responsible design engineer for the timely expediting of vendor data to efficiently progress the project according to schedule requirements.
- Conducted internal design review and design checks following company procedures.

ARAMCO Offshore Projects Involved in:

- LTA-II: Includes new facilities as well as modifications to existing facilities and associated pipelines and cables to support the scheduled upgrade work within the fields (SAFANIYA, BERRI & MARJAN fields).
- Marjan TP-10 & Associated Facilities: Comprises of jackets, topsides, and subsea facilities in ARAMCO offshore Marjan field. New platforms are one tie-in platform (TP-10), and six GLDMs. 34.5kV subsea cable from Marjan GOSP-2 to provide power to TP-10, then 13.8kV subsea cable from TP-10 to all other GLDMs.

AUGUST 25TH, 2012 TO MARCH 24TH, 2016

ELECTRICAL DESIGNER

JACOBS ZATE, AL KHOBAR

- Involved in both industrial (oil & gas) and infrastructural projects.
- Used Microstation & AutoCAD to develop Electrical drawings such as single line diagram, wiring, layouts, cable and conduit schedule and other types of electrical drawings.
- Utilized DIALux lighting software to calculate lighting foot candle for optimum indoor (inside building) lighting.
- Involved in both discipline and inter-discipline design reviews and checks in accordance with company procedures.

Projects Involved in:

- Saudi Aramco Al-Hasa Health Center Project
- Jacobs Building.
- Shaybah Project.
- Early Childhood Building.
- KAUST.
- King Abdullah Hospital.

- Ras Tanura (Clean Fuels Complex Project).
- Al Fadhli Project until 30% submittal

MAY 07TH ,2006 TO AUGUST 15TH ,2012

CADD OPERATOR I

WORLEY PARSONS ARABIA, AL KHOBAR

- Used Microstation to create all types of Electrical drawings & serve Material Take Off (MTO) for SAUDI ARAMCO Offshore Projects.

Projects Involved in:

- Saudi Aramco Maintain Potential Project

EDUCATION

2006-2007

TECHNICAL SEMINARS CENTER COMPANY, AL KHOBAR

- CAD Operator Diploma Include:
 - Microstation,
 - Manual Drafting,
 - IT + English Course.

AL-EZDIHAR LANGUAGE INSTITUTE, QATIF

- Advanced Level English Course

SKILLS

- Microstation & AutoCAD programs
- SP3D
- Work individually or as a team member
- Report results in both written and oral forms.
- Spoken & Written communication in Arabic and English
- DIALux Lighting Calculation Software
- Worked and developed drawings following SAUDI ARAMCO and NEC Standards
- Communicate persuasively with non-technical audience.

COURSES LISTING

- Office programs in Cordoba Computer Center in Qatif
- Introduction to Exploration, Drilling & Petroleum Engineering
- Helicopter Underwater Escape Training & Sea Survival
- Fire Watch Training
- SP3D
- PDS Shell Program
- Smart plane
- AutoCAD
- Developing & Revising Saudi Aramco Engineering Drawing

PERSONAL BACKGROUND

- Born on 23rd AUG 1986, in AL-Qatif, Kingdom of Saudi Arabia
- Always thriving to improve my skills and learn new things through exposure to challenging activities and tasks
- Hobbies include Traveling, Sports in general, Reading and helping family/relatives on weekends and during vacations

REFERENCES

- Available upon request.