

Khalid Al-Daaloj

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EDUCATION

Bachelor of Science in Applied Civil Engineering
King Fahd University of Petroleum and Minerals (KFUPM)

OBJECTIVE

Civil and safety inspection, project management, aid in structural + interior design, marketing and sales to utilize contemporary technology in construction.

CERTIFICATES

- OSHA 30 Construction Industry Certificate
- OSHA 10 Construction Industry Certificate
- OSHA Hazard Communication Certificate
- Saudi Council of Engineers (SCE) Membership

Courses/Seminars Completed (with certificates):

- Risk Assessment Principles
- Occupational Safety and Health Principles
- Electric Vehicle Chargers
- The Saudi Energy Conservation Code for Low-Rise (residential) Buildings SBC 602
- The Saudi Building Code for Steel Structure SBC 306
- The Saudi Mechanical Code SBC 501
- Medium Voltage Capacitor Banks
- Construction Risk Assessment
- Data Center Technologies
- Renewable Energies: How to utilize and benefit from them.

WORK EXPERIENCE

Civil Engineer at Dubaib & Sulaim Company, Khobar (Sep/2022 – Feb/2023)

Responsibilities:

- Studied various drawings (civil, telecom, electrical, HVAC) regarding the project being worked on.
- Kept track and organized the following for the company: minutes of meeting (MOM), action items (AI), interface agreements, requests with other packages (for Aramco project).
- Attended safety orientation meeting (Aramco project).
- Reviewed communication shelter method statement document (290+ pages) and corrected critical technical errors, typos and formatting errors (for Aramco project).
- Reviewed architectural and structural drawings and pinpointed critical potential safety concerns.
- Performed inspection for the project site to determine a suitable path to reach the project's area using GPS (Aramco project).
- Pinpointed helpful monuments and geographical locations to organize navigation inside the project's surrounding area (Aramco project).
- Search and management of information related to potential new employees of the company.
- Sorted tasks for each package.
- Assisted in presentation graphics.
- Followed up and sorted design drawings comments in PDF & Excel files from other packages (800+ comments).
- Verified interface agreements.
- Sorted Hostname Access Switch Models from documents using Excel.

- Made comments on design drawings (Aramco project).
- Fixed problems in a PC and its monitor.
- Extracted cabinets/racks drawings (from 700+ files).
- Gathered telecom products specifications.
- Marked up drawings for layout changes and actual users with respect to access points and remote control units (Aramco project).
- Attended IT Cyber Security Training within the company.
- Marked errors in other packages' drawings (Aramco project).
- Marked changes in cabinets drawings (Aramco project).
- Marked and commented on drawings regarding changes in equipment layout (Aramco project).

6-Months Working for An ARAMCO Substation Project, Dhahran (Jun/2021 – Dec/2021)
Civil Engineer at Al-Ojaimi Group, Dammam

Responsibilities:

- Studied architectural and structural drawings of the project before commencing work.
- Completed and verified manual calculations related to steel reinforcements.
- Manually checked and confirmed dimensions and elevations (such as foundation, basement reinforcement and columns) match those specified in the structural drawings.
- Improved assembly of scaffolding; proper levelling, fixing of joints, correct placement of pipes and wooden components (stairs and planks).
- Ensured proper digging of trenches and installation of electrical cables, backfilling, tiling, curing of trenches.
- Compacted soil and tested soil properties using moisture-density gauge.
- Overlooked the construction and coating of concrete duct banks.
- Checked and validated all of the rebars' lapping lengths, alignments, wire tying and fixing of steel meshes.
- Confirmed proper installation of stirrups.
- Ensured efficient completion of formwork, concrete pouring, deshuttering, shoring, smooth excavation, surveying and safety work.
- Contacted multiple suppliers and gathered information regarding important construction materials (formwork and structural components).

COURSES TAKEN

2D and 3D Structural Design Modeling, KFUPM

Responsibilities:

- Analysis of steel structures in Dlubal RFEM
- Reinforced concrete design in STAAD Pro
- Structural drawing in AutoCAD

ADDITIONAL SKILLS

- Fluency in English and Arabic
- Marketing and Sales (10+ years)
- Art and graphic design
- Microsoft Office Apps: Microsoft Word, Excel, PowerPoint
- Photography, sound and video editing
- Programming: Java, C language
- Structural Design Software: AutoCAD, Dlubal RFEM, STAAD Pro
- Information Management
- Communication