

Osamah AlRoomi

Riyadh, Saudi Arabia

Mobile: +966557762410 **E-Mail:** osamahalroomi@gmail.com **LinkedIn:** Osamah Alroomi

Education

Bachelor's Degree in Electrical Engineering Power And Machinery

May 2017

Al Majmaah University.

GPA:

(4.51/ 5)With the Second Class Honor.

Graduation Project:

Implementation of Boost Converter for DC Motor Drive for Electric Traction Application.

Memberships

Saudi Council of Engineers SCE

Associate engineer in SCE with membership ID 330965

Experience

Electrical Engineer at Beeah Engineering Consultant.

Feb 2018 - Present

- Review and verify projects' progress reports as submitted by contractors and consultants; examples include a major power station transfer project.
- Designed an off-grid solar power system with a total capacity of 670 kW that can provide power to fifty-six (56)residences.
- Designed an off-grid solar power system for a national resort with a total capacity of 530 kW.
- Designed an off-grid solar power system for Neom palaces with a total capacity of 1 MW.
- Provided electrical engineering solutions for a large residential complex in Riyadh, Saudi Arabia, that led to reducing power consumption by no less than thirty percent (30%).
- Designed and improved single line diagrams, CCTV systems, access control systems, and substations access control.
- Designed and improved power systems, lighting systems, emergency lighting systems, fire alarm systems, UPSs, generators, switchgears and Transformers, and RMUs.
- Supervise the implementation of designs and specifications and approve modifications and change orders pursuant to engineering assessment standards.

Roles and Responsibilities:

- Review and verify projects' progress reports as submitted by contractors and consultants; examples include a major power station transfer project.
- Develop and maintain deep awareness of all projects' specifications and drawings.
- Ensure awareness of business, contractual, and legal arrangements related to each project.
- Conduct and share regular sessions with contractors, subcontracts, vendors, and consultants to consider engineering issues that any given project may face and propose engineering solutions for it.
- Optimize overall resource planning and utilization.
- Assess and consider resourcing within the local organization.
- Inspect project materials and ensure compliance with shop drawings.

Summer Training at Saudi Aramco Company.

Jul 2016 – Aug 2016

Certificates

- **Engineering Safety for Prevention and Fire Protection.** Dec 2019
- **Small Scale Solar PV Designer Approved by Saudi Electricity Company** Aug 2018 – Aug 2021

Courses

- Solar Photovoltaic (PV) System PV Designer Course From SESP Saudi Electric Services polytechnic.
- Engineering Safety for Prevention and Fire Protection.
- Emergency Backup Power Systems Online Course.
- Three Phase Motor Control Online Course.
- De Machines Online Course.
- Power transformers Online Course.
- Electrical Power Substation Online Course.
- The Safety & Health Course According To (OSHA) Standard From Knowledge Gate Training Center.
- General Industry From International Association of Safety Professionals.

Technical Skills

PV SYST, Dialux evo, Matlab, Multisim, SketchUp and AutoCAD.

Languages

Arabic and English.

• Personal references are available upon request.

Last updated:July 2021