



Hussain Al-Sadiq
(Electrical Engineer)

Summary

I'm seeking a Technical position where I can enhance my skills and experience to increase the company's overall reputation. I have the initiative and an open mind toward working and learning with colleagues to improve my skills and knowledge.

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Address: Saudi Arabic, Eastern Province, Safwa
Age: 31
Driving license: Yes
Marital status: Married

Work Experience

05/2016 – PRESENT KHOBAR, SAUDI ARABIA
Senior Electrical Eng. (Estimation & Design)
ASAS Switch Gear Company (BMC)

- Working on projects & fully Design and quote Panel Boards according to the specification for Enclosures, Power and Control Panels (DOL, VFD, Y-D, and others).
- Technical Submittal for projects and providing all data i.e.: Shop Drawings, Technical Catalogues.
- Short Circuit KA rating study of projects and cable sizing and D-Rating.
- Coordinate with customer's requests and modifications needed for each project.
- Perform testing with safety and reliability of equipment & troubleshooting of production machines.

04/2014 – 04/2016 KHOBAR, SAUDI ARABIA
Electrical Quality Technician
ASAS Switch Gear Company (BMC)

- Wiring and Assembly of Electrical Power and Control Panels.
- Perform required testing according to IEC standards, meggering and dielectric properties.

09/2013 – 03/2014 Dammam 2^d I A, SAUDI ARABIA
Electrical Technician
Saudi Power Transformers Company (SPTC)

- Assisted in Implementing Two Power Transformers (34.5 KV - 4.1 KV), for Marafiq Company.
- Constructed 4 Windings for HV Side (Disk type) and Spiral type of LV Side.
- Worked and helped in the Testing Area.

09/2012 – 09/2013 Jubail, SAUDI ARABIA
Electrician
Saline Water Conversion Corporation (SWCC)

- Taking Oil Samples from the Transformers Bushings, OLTC, and Conservator tank), also Dielectric breakdown Tests were done.
- Taking SF6 Gas Samples from Bus bars to do the laboratory Purity, Moisture, Decomposition, Liquefaction tests.
- Helping on performing stimulating test for 230 KV GIS and have learned the operation of it.

01/2012 – 05/2012 Jubail, SAUDI ARABIA
Electrician (COOP)
Saudi Aramco Shell Refinery (SASREF)

- Maintenance of Transformers, High, Medium, and LV Transformers, Troubleshooting and doing Preventive Maintenance to them.
- Greasing, Inspecting, Isolation, De-Isolation, and Troubleshooting of Motors.
- Chlorination as a process and work is done in assembling the electrolytic cell of it.
- Changing and cleaning MV plugs for Circuit Breaker and Contactor of a Transformer.

Education

Jubail Industrial College -Associate Degree
Electrical Power Engineering Technology 2009–2012
Second Honor Graduate with 3.34:4

Jubail Industrial College -Bachelor of Science
Electrical Power Engineering Technology 2016–2020

Senior Project: Implementation of 10 Experiments (Digital and Analogue) using NATIONAL INSTRUMENTS (NI) using LabVIEW and NI ELVIS and performed testing too using DAQ and Hardware too.

Skills

- Word, Excel, Power Point.
- Electrical Technology.
- Electronics including PLC, Machine Learning and High Tech.
- Electrical Machines and Maintenance.
- Electrical Wiring.
- Electrical Applications i.e.: NI (Labview), ETAB and others.

Achievements

- 3rd Prize over Eastern Province for inventing and Electro-Magnetic Light.

Certificates

- Basic plus CPR Course (Cardio-Pulmonary Resuscitation).
- BEC-3 Course (Basic Equipment Care).
- ETAP Course: Protective Power System Analysis.
- ETKP-2 course (Engineer Training and Knowledge Preservation-2).
- English Courses (From Lv8 - Lv11 Highest Levels), **Got an A+**
- Micro-station, Bentley 2D and 3D CAD ▪ Bentley.

Electrical Projects

- Pulse Width Modulation (PMW) Project.
- A full Power and Control Panel for three phase motors, Soft starter, Y-D, FWD REV, Low, Medium and High Speed control.
- Built a drone control system from scratch.