**SHOAIB**



**ELECTRICAL TESTING ENGINEER**

**(EPC HV/T&D PROJECTS)**

Masters in Electrical Power Engineering

Immediate Available

Visit Visa valid till 11-12-2020

Abu Dhabi, United Arab Emirates

Email: [shoaib-397810@gulfjobseeker.com](mailto:shoaib-397810@gulfjobseeker.com)

**CAREER PROFILE:**

Electrical Engineer with 5+ years of experience in Testing, Commissioning, Installation, Planning & Maintenance of substations. Certified Testing & Commissioning Engineer from Saudi Electricity Company, completed successfully multimillion-dollar 10 HV substation projects from the pre-commissioning stage, commissioning strategies to final execution.

Strong Practical Abilities include HV/MV GIS/AIS 132/33/13.8kV Switchgear Testing, Protection & Control Scheme Check, Primary Injection, Secondary injection, FAT/SAT, SLD, Layout, Operation and Functional Check of bays and metal-clad switchgear, Relay Testing, Site Inspection, Modifications/interlocks, able to use Latest Test Equipment’s, Project Management, RFI, Troubleshooting and diagnosing.

**WORK EXPERIENCE:**

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| **COMPANY PROFILE:** | | **National Excellence for Construction & Energy (SAUDI ARABIA)** | |
| **POSITION:** | | **Testing & Commissioning Engineer** | **Nov 2014 to Nov 2018** |
| **RESPONSIBILITIES:** | |  |  |
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* Testing & Commissioning of High Voltage, MV GIS/AIS, Switchgear (132/33/13.8kV Circuit breaker, CT, VT, Disconnector, Earth Switch, Busbar, SF6 Dew point test).
* Hands-on experience of working with (ABB, SIEMENS, ALSTOM, GE, HYUNDAI, SEL, Al-FANAR)

Electrical devices and equipment’s.

* Familiar using electrical document Single line diagram, equipment layout, schematic/logic diagram, relay setting document & cable schedule.
* Testing and configuration of MICOM Distance protection P442, Transformer protection P643, overcurrent protection P142 and all types of auxiliaries including Undervoltage.
* Testing of auxiliaries of all types Trip circuit supervision relays, breaker failure relays, busbar protection relays, Synch relays.
* MV cables Hi-pot test, MV switchgear testing, LV switchgear Hi-pot Test.
* Work closely with Substation Automation System Engineers & other project members.
* LV Distribution ACDB & DCDB.
* Wiring check & its Follow rules.
* Transformer basic testing (LCP testing, OLTC, scheme check of Auto changeover & Transformer Parallel operation).
* Provide detailed testing report and relevant documentation on testing completed.
* Ensure that all PPE, PTW & HSE requirements are adhered to when at worksite.
* Identify requirements and scope of work, review specifications, drawings & other documents of the project.
* Attend daily meeting with Testing & Commissioning Coordinator and team leaders to update the

progress & submit daily report.

* Preparation of final As-built Drawings in accordance to actual field condition.
* Busbar protection stability test specialist.

**COMPANY PROFILE**: **National Transmission & Despatch Company limited**

**NTDCL 500/220/132Kv Grid Station (Jamshoro)**

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| **POSITION:** | **Junior Engineer** | **Sept 2013 to Oct 2014** |
| **RESPONSIBILITIES:** |  |  |

* Responsible for installation, Testing & Commissioning of 132kV substation AIS, Switchgear Circuit breaker, CT, VT, Disconnector & relays.
* Routinely testing of Main relays
* Maintenance of substation yard
* Installation of AMI Meter on 11 kV feeders by US-AID

**COMPLETED PROJECTS IN SAUDI ARABIA :**

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **ALSTOM PROJECT RIYADH SUBSTATIONS FIRMWARE UPDATE DISTANCE RELAY P442**

WITNESS : **PROTECTION ENGINEEER** **–** **SAUDI ELECTRICITY COMPANY (SEC)**

DESIGNATION : ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **MODON-2 JEDDAH 110/33/13.8 kV Substation -SIEMENS/ALFANAR/HYUNDAI**

WITNESS : **DAR ENGINEERING**

DESIGNATION : ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **HAIL 132/33/13.8 kV Substation -HYUNDAI/SIEMENS**

WITNESS : **DAR ENGINEERING**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **JAMOOM-2 110/33kV Substation EXT MAKKAH -SIEMENS/ALSTOM**

WITNESS : **SATECH/DAR ENGINEERING**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **RANIA 132/ 33/13.8 kV Substation-ABB/HYUNDAI**

WITNESS : **DAR ENGINEERING**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **TURBAH 132/ 33/13.8 kV Substation-ABB/HYUNDAI**

WITNESS : **DAR ENGINEERING**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **AR-RUWAIDA 132/ 33/13.8 kV Substation-ABB/SCHNEIDER ELECTRIC**

WITNESS : **SATECH ENGINEERING**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **AFLAJ 132/ 33/13.8 kV Substation-ABB/HYUNDAI**

WITNESS : **SATECH ENGINEERING**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **AL-JAWARAH 110/ 33/13.8 kV Substation-ABB/HYUNDAI**

WITNESS : **SAUDI ELECTRICITY COMPANY (SEC)**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

CUSTOMER : SAUDI ELECTRICITY COMPANY (SEC)

PROJECT : **AL-SHALAL 110/ 33/13.8 kV Substation-ABB/HYUNDAI**

WITNESS : **SAUDI ELECTRICITY COMPANY (SEC)**

DESIGNATION: ELECTRICAL ENGINEER-TESTING & COMMISSIONING

**SOFTWARES USED FOR ADVANCE NUMERICAL RELAYS:**

* Agile S1 (MICOM)
* PCM600 (ABB)

**ABLE TO OPERATE FOLLOWING TEST KITS:**

* Primary Injection Test Kit Programma ODEN, SMC Raptor
* Micro-ohm meter MOM600A
* Breaker Analyzer Megger EGIL
* CPC100-OMICRON
* Megger TM200 Timer Test Kit
* CT analyzer-OMICRON
* CMC356 Secondary injection test kit, Freja 306
* SVERKER 780,900
* Megger MIT525 Insulation resistance
* High Voltage Kit dc hipot

**ENGINEERING COUNCIL MEMBERSHIPS:**

* Saudi Council of Engineering 222918
* Pakistan Engineering Council ELECT/31860

**DRIVING LICENSES:**

* Saudi Arabia

**EDUCATION:**

**DEGREE:** **MEng. in Electrical Power Engineering** **2014**

**UNIVERSITY: MEHRAN UNIVERSITY OF ENGINEERING & TECHNOLOGY**

**JAMSHORO SINDH PAKISTAN**

**DEGREE:** **B.E in Electrical Engineering** **2011**

**UNIVERSITY: QUAID-E-AWAM UNIVERSITY OF ENGINEERING, SCIENCE & TECHNOLOGY NAWABSHAH**

**CERTIFICATION:**

* **Auto-CAD (short course)**

**LANGUAGES:**

* **English, Urdu, Arabic, Punjabi**

**COMPUTER SKILLS:**

* **Microsoft Office Products (Word, Excel, Powerpoint & outlook)**