

102042-ELE-12PT-E-2011
Testing & Commissioning Technical Coordinator

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 8 years hands-on experience working in protection, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/09/1989
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Helwan University, 2011

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: ETAP
: Matlab
: AutoCAD
: Dialux
: CAD system design
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: Electrical Distribution Level 1 – Jeilecom Egypt.
: Electrical Distribution Level 2 – Jeilecom Egypt.
: PLC – Jeilecom Egypt.
: AutoCAD 2D, Helwan University.
: English conversation course in Helwan University.
: International Computer Driving License (ICDL) – Select Certificate.
: Trainings at:

- El-Kureimat Power Station.
- National Authority for Tunnels.

- EgyMac Company.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	:	From Nov. 2020 till now
Employer	:	Asec, KSA
Projects	:	<ul style="list-style-type: none"> • Hawiah Gas Compression Plant (HAWIAH GCP-1 230/13.8/4.16KV) • Hawiah Gas Plant (HGP 230/13.8KV) • Harad-1 Gas compression plant (HARAD GCP-1 230/13.8KV) • Fadhili Bachelor camp 115/13.8KV • 4.16KV SWGR extension with ATS
Job title	:	Testing & Commissioning Technical Coordinator
Job Description	:	<ul style="list-style-type: none"> • Creating and carrying out test procedures and method of statements (MOS) for ARAMCO and SEC S/S. • Making improvements and offering advice about operational procedures. • Scheduling and coordinating work to tight deadlines. • Ensuring that equipment works to its specification. • Investigating problems, diagnosing/repairing faults. • Troubleshooting. • Liaising with installation/project engineers. • Supervising engineering and technical staff. • Writing reports and documentation. • Providing technical support. • Ensuring safe working condition. • Experience of using different testing Equipment: cpc100, sverker 780, CT ANALYZER, FREJA, ODEN, ...etc. • Awareness of ARAMCO and Saudi electricity company standards. • Perform installation, commissioning, testing and maintenance of protective relaying equipment. • Develop written standard commissioning, testing and maintenance procedures for protective relaying. • Testing of distance, Line differential, transformer, bus bar, incoming and outgoing feeders' relays using secondary injection test kit. • Fabricate relay setting files to include programming of Protection and Control Elements, Control Logic and Communications settings. • Maintain Documents like Test Reports, Relay Configuration File, Final Setting File, RIO File, CID, ICD file preparation and handover to the concerned project manager. • Make scheme modification and new scheme implementation related to Control & Relay panel business up to 380KV systems. • Trouble shooting, interlock checking. • Review the drawing and make proposal for the missing and check with Ng Departments. • Testing of various manufacturers' products like ABB, Siemens, Alstom, Schneider, SEL, ZIV and GE relays. • Arrange for energize (final setting – open loop – close loop – end to end – trip test). • Testing of Current transformer and potential transformer. • Function and scheme checking of MV SWGR'S (Wescosa, ABB, Schneider, Siemens, Alfanar).

- Function and scheme checking of HV 110KV, 132KV, 115KV double bus single breaker GIS and AIS.
- Function and scheme checking of EHV 380KV, 230KV breaker and half and double bus double breaker GIS and AIS.
- Function and scheme checking of protection and control (BBP, line protection, transformer protection, ACCS, ABTS, UF, UV and capacitor protection).
- CT loop and VT loop check.
- Primary injection and stability.
- Fully conversant with Health and Safety standards.

Dates : From Nov. 2013 till Dec. 2019
Employer : ALGIHAZ, KSA
Projects :

- Makkah housing (MKH 380/110/13.8KV SS)
- Madinah industrial city (MIC 380/110/33/13.8KV SS)
- ALBARAKAH 110/13.8KV SS
- DHUBBA-2 132/13.8KV SS
- TABUK-4 132/13.8KV SS
- ALRAWDAAH 110/13.8KV SS
- AL-HADDA 110/13.8KV SS
- AL-GAYA 110/13.8KV SS
- MAKKAH POWER STATION MPS 110/13.8KV SS
- AL-AZIZIAH-4 110/13.8KV SS
- AL-MISFALAH-4 110/13.8KV SS
- AL-NASEEM 110/13.8KV SS
- AL-JAMOOM 110/13.8KV SS
- AL-HARAM 110/13.8KV SS
- AL-QUZ 132/13.8KV SS
- AL-SUFFA 132/13.8KV SS

Job title : Senior Testing & Commissioning Engineer

Dates : From Mar. 2013 till Oct. 2013
Employer : ONTRAK CORPORATION
Project : Giza North Generation Plant:
Testing and commissioning of Contract 101 combined cycle system, included but not limited to:

- Generator terminal enclosure (CT's, VT's, NGT, NGR, ...etc.).
- Excitation transformers.
- Isolation Transformers.
- Generator windings (stator and rotor).
- All substation auxiliaries.
- G60 (generator protection Functions).

Job title : Testing & Commissioning Engineer

Skills:

- Preparing master plan.
- Awareness for SCAL file.
- Commissioning procedure.
- Preparing TWS (three weeks schedule).

- Meeting arrangement (prepare agenda, coordination between Stakeholders, sort out deliverables).