

104808-ELE-12PT-E-1997
Senior Testing & Commissioning Engineer

Holds a B. Sc. in Electrical Engineering and a Diploma of Electrical Power, Protection & Machine. Has about 18 years hands-on experience working in testing, protection and commissioning.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Engineering, Menoufia University, 1997
: Diploma of Electrical Power, Protection & Machine, Mansoura University, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From 2007 till now
Employer : Bemco Services Company, KSA
Job title : Senior Testing & Commissioning Engineer
Job Description :

- Power Plant Number 10, Al-Kharj - Saudi Arabia (2009 till 7-2012 Simple Cycle - 2013 till now Combined Cycle):
 - Testing and Commissioning of GPP (Generator Protection Panel).
 - Testing and Commissioning of 13.8KV SWGR.
 - Testing and Commissioning of 480 V.
 - Overall stability & synchronizing test.
 - Overall scheme and function check.
 - Punch list – Troubleshooting.
- Power Plant Number 9, Riyadh - Saudi Arabia (2007 till 2009):
 - Testing and Commissioning of GPP (Generator Protection Panel).
 - Testing and Commissioning of 13.8KV SWGR.
 - Testing and Commissioning of 480 V.
 - Overall stability & synchronizing test.
 - ITP & CTP (overall scheme and function check).
 - Punch list – Troubleshooting.

- S/S 8159 - 132KV, Riyadh - Saudi Arabia:
 - Testing of Tripping and Auxiliary Relays.
 - Commissioning work of (Differential relay, Sync-Check, REJ525 and CT shorting (RAEDX), CBF, ...
 - Testing of Annunciators (SACO).
- S/S 9009 - 380KV, Riyadh - Saudi Arabia:
 - Punch list.
- S/S 9023 - 380KV, Riyadh - Saudi Arabia:
 - Punch list.
- S/S 8010 - 132KV, Riyadh - Saudi Arabia:
 - Punch list.
- S/S 9023 - 380KV, Riyadh - Saudi Arabia:
 - Punch list.
- III Saudi Expansion of Holy Haram, Makkah – KSA (7-2012 till 9-2012) (Group Leader of T&C).

Dates : From 1999 till 2007
Employer : Electricity Transmission Company, Egypt
Job title : Protection Engineer

Field of experience :

- Experience in Testing and Commissioning of Power Plants & S/S.
- Prepare the procedure and perform the stability and overall scheme check for the project.
- System trouble shooting skills.
- Testing of scheme and function.
- Testing of ACDB, DCDB.
- Primary Injection.
- Perform the modification for the protection panel.
- Carry out the standard site test for the following:
 - Switchgear (HV: 380, 220, 132 & 66KV), (MV: 33, 22, 13.8 & 11KV) & (LV): Circuit Breaker, Disconnect or Switch, Earthling Switch, Bus Bar, Current Transformer, Voltage Transformer & Surge arrestors.
 - Protection Relay Panel: Internal Wiring Check, DC Function Check, Auxiliary Relays (Tripping, Lockout, ...), Transducers, Differential Protection Relay, Bus Bar Differential Protection Relay, Generator Protection Relays, Over Current Protection Relay, Directional Over Current Protection Relay, Earth Fault Protection Relay, Over & Under Voltage Protection Relay, Over & Under Frequency Protection Relay, Restricted Earth Fault Protection Relay, Thermal Over Load Protection Relay, Synch Check Protection Relay, CB Failure Protection Relay & Trip Circuit Supervision Protection Relay.
 - Local Control Cabinet (LCC): Internal Wiring Check, DC Function Check, Function Check (Locally), Auxiliary Contactors, Transducers, Metering (Ammeters, Voltmeters, Wattmeter, Varmeter...) & MCB's.
 - Control Panel: Internal Wiring Check, DC Function Check, Function Check, Auxiliary Contactors, Transducers, Metering (Ammeters, Voltmeters, Wattmeter, Varmeter...) & MCB's.
 - Metering Panel: Internal Wiring Check, Metering (Ammeters, Voltmeters, Wattmeter, Varmeter...) & MCB's.