

100235-ELE-2DPST-E-2005
Protection & Testing Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 11 years hands-on experience in EHV/HV/MV substations sector. Familiar with most manufacturer's equipments, protection devices & operating systems such as SIEMENS, ABB, SCHNEIDER, AREVA, EGEMAC and ELMACO.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/08/1983
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2005

LANGUAGES

Arabic : Native Language
English : Fluent
German : Basics

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Some other simple electrical drawing programs (SLD)
: Protection software (DIGSI/PCM)

TRAINING COURSES AND CERTIFICATIONS

: Distance Protection Relay (Siemens 7SA610), SIEMENS, Egypt.
: Commissioning of Energy Efficiency, Schneider Electric (online course).
: Demand Response & Smart Grid, Schneider Electric (online course).
: MV Switchgear & Protection, ABB Factory, Egypt.
: Instrument Transformers (CT/VT), Training Center EETC, Egypt.
: CERTIFICATE OF APPRECIATION (ONE MILLION SAFE MAN HOUR),
ACWA POWER – RABIGH IPP2 PROJECT – SAUDI ARABIA (Mar. 2016).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Oct. 2014 till Jul. 2017
- Employer** : Saudi Engineering Group INT'L (SEGI) - Saudi Electricity Co. (SEC – EHV PROJECTS – WESTERN REGION)
- Projects** :
 - New Al-Khuzam substation 380/110/13.8KV (KZM) / Jeddah / KSA
 - Rabigh independent power producer substation 380KV (RIPP2) / Rabigh City / KSA
 - King Abdul-Aziz international airport substation 380/110/13.8KV (KAIA) / Jeddah / KSA
- Job title** : EHV Substation Projects Protection Consultant
- Job Description** :
 - Long experience in electrical power transmission, distribution & related generation works (LSTK Projects).
 - Supervising the construction & installation of the protection & control systems.
 - Leading & supervising the protection, testing & commissioning activities in EHV/HV/MV S/S from 11KV up to 500KV.
 - Technical support for the project manager/director & experience in IPP projects.
 - Coordination with all parties (contractor/subcontractor) for pre-commissioning/commissioning stage.
 - Coordination with O&M / utility engineers during project stage & for handover.
 - Experience in protection relays (ANSI codes & SAS background), SEC standard & PTS as well as new OPDS SYSTEM.
 - Reviewing the compliance of designs & material with the SEC standard & project technical specifications (PTS).
 - Performing different site inspections (RMI & RFI).
 - Experience in preparation of NCR, weekly, monthly & emergency incident (RCA) technical reports.
 - Attending factory acceptance test & site acceptance test (FAT & SAT) as well as (ITP plan) review.
 - Guidance & certifying the contractor for AS BUILT drawings preparation.
 - Pursuance of closing of remaining activities & project punch list up to technical completion & final acceptance.
 - Full awareness of health, safety requirements & SEC 5 STARS safety rules.
- Dates** : From Aug. 2006 till Sep. 2014
- Employer** : EETC (Egyptian Electricity Transmission Co.), Cairo Region
- Projects** :
 - Maadi South substation 220/66/11KV / Cairo / Egypt
 - Technology Zone substation 66/11KV / Cairo / Egypt
 - Yafea Ibn Yazeed substation 66/11KV / Cairo / Egypt
- Job title** : Senior Protection Engineer
- Job Description** :
 - Maintenance, Testing & commissioning of protection & control systems for EHV/HV/MV substations.
 - Testing & commissioning of different switchgear (GIS / AIS) in all levels.
 - Participation in substation rehabilitation & protection system replacement.

- Familiar with most relays manufacturers i.e. (SIEMENS, ALSTOM, ABBetc.).
- Over Current Protection, Transformer Protection, line Protection, Bus bar Protection & Breaker Failure protection.
- Testing of instrument transformers (CT / VT tests).

Dates : From Apr. 2006 till Aug. 2006
Employer : H.F. Fire International Inc.
Projects :

- Hilton Hurghada Plaza (HHP)
- Intercontinental City Stars (GPP)

Job title : Fire Alarm Systems Engineer
Job Description :

- Installation & Maintenance of Fire Alarm Systems.
- Responsible for fire alarm systems programming & testing.