

Holds a B. Sc. in Industrial Electronics & Control Engineering and has about 14 years experience working in protection and testing.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 23/08/1981
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2007

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: Visio

TRAINING COURSES AND CERTIFICATIONS

: Practical training for one month in Abu Qir fertilizers and chemical industries company – including control room production lines units.
: Practical training for one month in iron – steel company – instruments of measuring.
: Abu Qir Plant Station Mitsubishi Heavy Industries one month with (Operation - Condenser and Auxiliaries - Generator Operation and Auxiliaries).
: Network Training Center - Cairo South (NTC):

- Instrument Transformers & Power Measurement (P1).
- Protection Fundamentals (P2).
- Control Circuits Substation (CCS).
- Maintenance of power transformer (TR).
- Distance Protection Relay (P4B).

: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

- Job Description** :
- 12 years experience as Operator Engineer at Abu Qir Power Station, Alexandria - Egypt (Participated from the beginning, in the commissioning activities of the complete plant with a capacity of 650MW of electrical generation. At present responsible for the operation of the plant consisting of the following: Egyptian Company for Transmission of Electricity Alexandria Area West Delta Prevention Department (until now).
 - Egyptian Electricity Transmission Company (EETC) - Protection Engineer in Protection and Testing Department for 220/66/11KV Substation, Alexandria zone.

- Field of experience** :
- Testing for power transformers (220/66KV & 66/11KV):
 - Tan Delta, Winding Resistance, Turns Ratio test, Vector Group test, and Megger test.
 - Commissioned and tested 220KV/66KV/11KV (GIS) substations in Alexandria.
 - Ground system test for all substations.
 - High Voltage test for both TR. and C.B.
 - Oil breakdown, Excitation Current, Fan Motors.
 - Routine Tests for:
 - Protective Relays.
 - Voltage & Current Transformers (Sensors).
 - Circuit Breakers, Isolators, control and Cables.
 - Expertise in test equipment (OMICRON / FREJA / SVERKER / PRIMARY / AVO / PROGRAMMA / MEGGER / ISA) (automatic relay testers).
 - Worked in Abo Qir generation station for replacement and renovation of the testing and commission of the transformers units either pre-operation or step-up type.
 - Worked in Abo Qir generation station for replacement and renovation of the protection relays like (Differential Protection Relays, Over Flux, Under Flux, Over Current, Earth Fault, Over Load, Impedance Protection, and Excitation Protection) of both generation and transformers units either pre-operation or step-up type.
 - Study and analyze electrical schematics for protection circuits of 11, 66, and 220KV systems.
 - Install and commissioning new electrical protection relays in Alexandria east region (over current – distance relay – transformer differential relay – load shading).
 - Protection Engineer (Replacement of Section No. 3 & 4 11KV) at Gamel-Bo-Hread SUBSTATION 66/11KV.
 - Protection Engineer (Replacement of Section No. 1 & 2 11KV) at El-Manshya SUBSTATION 66/11KV.
 - Protection Engineer / Coordinator (Testing, Commissioning and Replacement) of Power Transformers No. 3 66/11KV 25 MVA and Power Transformers No. 4 220/66/11KV 125 MVA for El-Siuf SUBSTATION 220/66/11KV.
 - Protection Engineer (Replacement of Power Transformers No. 3 66/11KV 25 MVA to Power Transformers 40 MVA) at Sidi-Beshr

SUBSTATION 66/11KV.

- Protection Engineer (Replacement of Power Transformers No. 3 & 4 66/11KV 25 MVA to Power Transformers 40 MVA) at El Ras El Soda SUBSTATION 66/11KV.
- Protection Engineer (Replacement of Power Transformers No. 2 & 3 66/11KV 25 MVA to Power Transformers 40 MVA) at EL NAHASS SUBSTATION 66/11KV.
- Protection Engineer (Replacement of Section No. 1 & 2 11KV) at Abis SUBSTATION 220/66/11KV.
- Protection Engineer / Coordinator (Testing and Commissioning) and also Replacement of many Capacitor Banks 11KV for SHARQ SUBSTATIONS like (Ma'moura, El-Ras El-Soda, Gamel-Bo-Hread, Gleam, El-Manshya, Wast El-Madena, El-Souq) 66/11KV.
- Protection Engineer / Coordinator (Testing and Commissioning) and also Replacement of Power Transformers No. 1 & 2 66/11KV 25 MVA) for Abo-Kir SUBSTATION 66/11KV.
- Install and commissioning (ABB Protective relays, control relays, and switchgear) Ma'moura 66/11KV, Gleim 66/11KV & Abis 220/66/11KV Substations.
- Electrical protection relay programming for setting & hardware configuration and faults analysis (ABB (CAP), SIEMENS (SIPROTEC series), and AREVA (Micom S1 & studio) protective relays).
- Carry out the adaptation work for Alexandria east substations to interface with SCADA such as circuit breakers and isolators status and command signals, alarms transfer, and metering.
- Reflect the values and the good image of my company at all times.