

101388-ELE-DS-E-2009
Electrical Design & Commissioning Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 3 years hands-on experience in design and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 20/08/1987
Gender : Male
Marital Status : Single
Residence : Tanta

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Tanta University, 2009

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D
: E³.series schematic program for designation of control schematics, terminal plans, BOMs & Wire Lists

TRAINING COURSES AND CERTIFICATIONS

: ICDL (International Computer Driving License).
: Training at Arab Cables Co. (El Sewedy), Jul. 2007.
: Training at Cairo Oil Refining Co. (Aug. 2007).
: Training at Canal Co. for Electricity Distribution Maintenance of Distribution Substations (Jul. 2008).
: IEEE, TSB training for Communication & Presentation Skills - team building, creative thinking, project management (Feb. 2008).
: AutoCAD 2D course at Engineering Syndicate (Feb. 2009).
: Principles of quality control course at Productivity and Vocational Training Department - Ministry of Trade and Industry (Sep. 2009).
: English course level 2 and 3 in Berlitz Language Center.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Oct. 2010 till now
Employer : Power System Projects Company (PSP), EL-SEWEDY Group
Job title : Electrical Commissioning Engineer

Dates : From Dec. 2009 till Oct. 2010
Employer : Power System Projects Company (PSP), EL-SEWEDY Group
Job title : Electrical Design Engineer

: Projects:

- Abu Qir Thermal Power Plant units 6 & 7 (2x650MW) Gas/Oil Fired Units (CP-118):
 - Attending and sharing ABB representative for testing ABB (HECS) Generator Circuit Breaker (GCB) (SF6 filling - Test of Auxiliary and control circuit - Timing test - Operation Test - VT test).
 - Test of control and power cables.
 - Commissioning and start-up for Air Compressor System.
 - Test of Electrical (Low - Medium) Voltage Motors (Insulation resistance test - Motor Solo run test).
 - Loop checks Activity.
 - Desalination Plant (MED system) Commissioning (Loop Check and PLC System start-up).
 - See water system commissioning (service water pump - Self Cleaning Strainer).
 - Calibration of Motorize Valves.
 - Feed water Pumps commissioning and start-up for Vibration system of the pumps.
 - Follow up punch list items.
- DEIR Ali II COMBINED CYCLE POWER PLANT (SYRIA):
 - Testing of 2 Generator Circuit breaker (GCB) Alstom type FKG2M (SF6 filling - Test of Auxiliary and control circuit - Timing test - Contact Resistance test - Operation Test).
- El-Sewedy Cement Company (ESCC):
 - Design of Control and Protection of 220/11KV Substations consist of 7 bays (2 incoming feeders, 2 outgoing feeders, 2 transformer feeders and bus coupler), modification according to EETC comments and As built schematic.
 - Preparing event recorder, synchronization panel schematic and wiring diagram.
 - Testing of control and protection panels.
 - Testing and commissioning for control and protection system and the substation start-up.
- Arabia Cement Company (ACC):
 - Design of Control and Protection of 220/7.2KV extension transformer bay and modification according to EPS comments.
 - As built drawing for transformer control and protection schematic, BusBar protection schematic, Event recorder Schematic.
- Suez Steel Company (SSC):
 - Control and metering specification and protection relay system specification.

- Control and protection Single line diagram.
- Design of control and protection schematic and wiring diagram of 220/33KV extension transformer bay.
- Design of BusBar protection schematic, Event Recorder and Fault Recorder schematic.
- Cameroon 40MW (TOTAL) Emergency Diesel Power Plant at Bamenda, Mbalmayo and Ebolowa Sites:
 - Revise of Medium Voltage schematic and wiring diagram of the three sites.
 - Test and commissioning of 33KV Medium Voltage Switch Gear (FAT test).
 - Preparing inter-tripping and interlock system of the three sites.
 - Interface between Medium Voltage Switch Gear, Diesel Generators and SCADA system.
- AL SOKHNA POWER PLANT (CP117):
 - Preparing Protection Relay List of Main, Auxiliary, station service transformers and Unit over all protection.
 - All Protection panels internal and external arrangement.
 - All Protection panels cutout dimensions.