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Testing & Commissioning Team Leader Engineer

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 10 years hands-on experience working in construction, commissioning, start-up and maintenance at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/09/1984
Gender : Male
Marital Status : Married
Residence : Qalubia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Benha University, 2006

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Introduction in Matlab.
- : Summer training at Shoubra El-Kheima Power Plant, Cairo Company of Producing Electricity (from Jul. till Sep. 2005).
- : Training on Operation Use and Maintains for DC Chargers (Rectifier) and UPS and Batteries, JEMA GROUP (a company of DC and UPS Systems) (May 2010).
- : Training on Power Transformers (Main and Aux. Transformers for Cairo West Power Plant Units 7 & 8), HYOSUNG Corporation (Feb./Mar. 2010).
- : Power Generator Maintenance on site training for Cairo West Thermal Power Plant Units 7 & 8 (2x350MW), Mitsubishi Heavy Industries (MHI) (from Apr. till Jun. 2010).
- : Steam Generator and its Auxiliaries operation and maintenance on-site training, Hitachi Company.
- : EGEMAC Company on-site training on the Medium Switchgear 6.6KV, Load Centers and MCC.
- : Emergency Diesel Generator training, Initec Energia (Cymasa Groups Elec.) (Jul. 2011).

- : Protection system of Cairo West Power Plant Units 7 & 8, Initec Energia (CYMI).
- : Maintenance training on GIS Extension for units 7 & 8, ALSTOM GIS.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2016 till now
Employer : El-Sewedy Electric T&D
Projects :

- Ghohion substation 66/11KV, 2 x 40 MVA power transformer, 2 section 11KV MV switchgear and substation auxiliaries
- Angola Generation Fast Track 6x25MW: Responsible for the commissioning, start-up for the Turbines, High Voltage & Medium Voltage Switchgears, MCC, Power Transformers and the Auxiliaries of the Turbine.

Job title : Testing & Commissioning Team Leader Engineer

Dates : From Apr. 2015 till Nov. 2016
Employer : El-Sewedy Electric T&D
Project : Fast Track GE Project (20x25MW)
Job title : Electrical Site Engineer
Job Description : Responsible for the installation, commissioning, start-up for the Medium Voltage Switchgears, MCC, Power Transformers and the Auxiliaries of the Turbine.

Dates : From Sep. 2010 till Apr. 2015
Employer : CEPC (Cairo Electricity Production Company)
Project : Cairo West Project Units 7 & 8 2x350MW Power Plant
Job Description :

- Electrical Maintenance Engineer for:
 - Medium voltage switchgear 6.6KV.
 - Low Voltage Switchgear (Load centers 400 Volt).
 - Motor control centers 400 volt.
 - DC system 125 VDC.
 - UPS system 230 VAC.
 - Emergency Diesel Generator.
 - Protection of Switchgears, power transformers and Generators.
 - Generator and its Auxiliaries.
 - Power Transformers.
- Circuit Breaker Testing and Commissioning (Contact Resistance, Close and Trip timing & high voltage test).
- Potential Transformers and Current Transformers (Turns Ratio, Saturation Curve and Insulation Test).
- Testing of Protection relays of medium voltage switchgear and power transformers.
- Dealing with all electrical schemes (Control, Protection, interlock and Metering).
- Testing and commissioning of all Power Cables MV & LV.

Dates : From May 2007 till Sep. 2010
Employer : CEPC (Cairo Electricity Production Company)

- Project** : Cairo West Project Units 7 & 8 2x350MW Power Plant
- Job Description** : Electrical Engineer, responsible of supervising on Tendering, Construction, Commissioning and Start-up for electrical equipments as follow:
- Medium voltage switchgears 6.6KV.
 - 400 V Load Centers (ABB, Schneider).
 - Motor Control Centers (ABB, Schneider).
 - DC and UPS System.
 - Large Power Transformers.
 - Diesel Generators.
 - Medium and Low Voltage Motors.
 - Protection Relays (ABB, Micom, Vamp, Beckwith and Schneider) with very good experience in Injection Devices like omicron (CPC 100 & CMC 256).