

102624-ELE-156CDMS-E-2007
First Site Electrical Maintenance Engineer

Holds a B. Sc. in Electrical Power Engineering and has about 16 years' experience, including 14 years working in installation, maintenance, testing and commissioning at Damanhour Thermal Power Plant.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 17/05/1984
Gender : Male
Marital Status : Married
Residence : Damanhour

EDUCATION

: B. Sc. in Electrical Power Engineering, Al-Azhar University, 2007

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet
: AutoCAD (2D), DIALUX, ECODIAL

TRAINING COURSES AND CERTIFICATIONS

: Operation of thermal power plants.
: Commissioning and performance of thermal power plants.
: Advanced American language course.
: ICDL
: AutoCAD
: E-MPAC

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2009 till now
Employer : West Delta Electricity Production Company
Project : Damanhour Thermal Power Plant (300MW)
Job title : First Site Electrical Maintenance Engineer

Job Description :

- Experience in Installation, Testing, Maintenance and Commissioning of LV, MV & HV equipments, scheme and functional check, Aux/Trip/Lock out Relays.
- Generator: Rating Power 422 MVA, Armature voltage 22KV, Armature current 11073 A.
- 220KV GIS Switch Yard Type "245 SBE" SF6 METAL-CLAD NUOVA MAGRINI GALILEO, 2000A CB Type "245 MHMe-1D".
- 4 incoming feeder, 6 outgoing OHTL, 1 BUS COUPLER CB.
- 2 Busbars 3150A.
- Transformers "425MVA, 2 X 32MVA" ANSALDO.
- 66KV AIS manufacture by AEG outdoor Switch Yard included ABB CB Type EDF SK1-1, 2x75MVA.
- 220/66KV COUPLING TR, 2 Busbar 1000 A, 8 Lines 400A for each one.
- 6.3KV EPOCLAD Switch Gear Type "EP17" METAL CLAD, (2000, 1250) A CB Type "GL" with "DM" mechanism.
- 380V Switch Gear with AIR CB "G2 & G30", SACE E2 and Cast Resin 1250 kVA TR.
- 425 MVA GEN Cooled by H2 and water.
- Protection of GEN, TRs, Busbars and OHTL.
- Motor Control Centers and motors up to 5.8MW, 6.3KV.
- Stand by Power Supply, including emergency generators, battery systems (220vdc & 48vdc) ALCAD and ARTRONIC "60kVA, 3ph, 380v" UPS system and automatic change - over facilities.

Dates : From Jun. 2008 till Jan. 2009

Employer : Engineering Consulting Corporation DR. ESAM ASSEM, ALEX

Project : ROZANA – EL-MONTAZAH ROYAL PLAZA (ALEXANDRIA)

Job title : Electrical Design Engineer

Job Description :

- Design all the Electric works like Networks, Lighting, Sockets Fire Alarm System, Light Current System, CCTV System, TV System, TEL System; and make the load calculation, hence design the Single Line Diagram of the panels that's service these buildings then choose the suitable Transformer to meet these loads and choose the suitable Generator for Emergency loads.
- Indication for the projects that I designed them:
 - ROZANA SITE: Consisting of 157 Villas and I designed the Electric Network and Telephone Network that supply the Site Villa.
 - ROZANA HOTEL: Consisting of 4 Floors and I designed all the flowing works (Electric System, Fire Alarm System, Sound System, TV System, TEL & DATA System).
 - ROZANA MALL: Consisting of 2 Separate Parts, all parts consist of 2 Floors and I designed all the above works.
 - EL-MONTAZAH ROYAL PLAZA MALL (ELMAMOURA): Consisting of 3 Floors at different design and I made an Estimating for the electric load of this building and also made all the above works for this mall.

Dates : From Nov. 2007 till Jun. 2008

Employer : FARAG GROUP COMPANY

Job title : Maintenance Engineer

- Job Description** :
- Worked as Maintenance Engineer in the production lines that works in PLC program.
 - Also work as Design Engineer for the control panels of cooling machines like vilter, mycom, fric, howden.
 - Good information about control and control panels and circuits and gave me the ability to solve the control problems that met me also to design some of these circuits.