

107358-ELE-12MPT-E-2004
Testing & Commissioning Project Manager

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 14 years hands-on experience working in maintenance, protection, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/01/1982
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Alexandria University, 2004

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: DIGSI software for Siemens protection relays
: PCM V ABB RELAYS SOFTWARE
: AGILE MICOM RELAYS SOFTWARE
: AcSElerator QuickSet SELL RELAYS SOFTWARE
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Training Course of SIEMENS transformer 500KV GIS.
: Training Course of SIEMENS protection devices of 500KV GIS.
: Training Course on p.l.c (sematic step 7) at Abu Qir Training Center.
: Training Course on safety in power stations at Abu Qir Training Center.
: Training Course at Abu Qir Training Center about instrument transformers (CT's & VT's) and how to test it.
: Training Course on power control at Alexandria Distribution Company.
: Training Course on operation of thermal power stations at Abu Qir Training Center.

- : Training Course on operation of thermal power stations at Alssiuf Power Plant.
- : Training Course on operation of thermal power stations at Sidi Krir Power Plant.
- : Training Course on Thermography at Sidi Krir Power Plant.
- : Training Course on Occupational safety and health at NIOSH (Egypt).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2016 till May 2019

Employer : Alfanar Technical Services, KSA

Projects :

- Construction of SS 8926 at Hail City
- Reinforcement of SS 8903 at Hail City
- Construction of HAIL Industrial City MODON SS 8927 at Hail City
- Construction of Hail Center SS 8909 at Hail City
- Reinforcement of SS 7911 at Hail City

Job title : Testing & Commissioning Project Manager

Job Description :

- Vast experience in testing and commissioning of sub-stations up to 380KV including comprehensive expertise.
- It is fully equipped with state-of-the-art test equipment for sub-stations (up to 380KV), HV/LV power cables, power transformers including oil purification and thermal observation after energization.
- Alfanar Technical Services is an integral part of the Alfanar Group of companies which is involved in Electrical Manufacturing, Electrical Construction, Servicing, Marketing and Distribution, Building Industry, Information Technology and Communication.

Dates : From Jun. 2010 till May 2016

Employer : Alfanar Technical Services, KSA

Job title : Lead Protection Engineer

Job Description :

- Lead Protection Engineer of HAIL-3 SS 9039 380/132/13.8KV AT HAIL CITY (FEB. 2016).
- Lead Protection Engineer of HAIL-2 SS 9031 380/132/13.8KV AT HAIL CITY (JUN. 2015 till FEB. 2016):
 - GROUP LEADER of testing and commissioning team for 380KV protection panels (OHL, CBF AND BUSBAR), 380KV GIS (SIEMENS) panels, BCU MODIFICATION FOR 380, 132KV AND 13.8KV schemes.
 - Site coordination with main contractor SIEMENS, SEC-PMD to carry out all testing activities.
- Protection Engineer of ABB PROJECT S/S 8838 132KV AT AL RASS (JAN. 2015 till JUN. 2015): Testing and commissioning for 132KV protection panels (OHL, CBF AND BUSBAR), 132KV GIS (HYNDAI) panels, BCU MODIFICATION FOR 132KV AND 13.8KV ABB REC 670.
- Protection Engineer of ABB PROJECT S/S 8833 132KV AT UNIZAH (MAY 2014 till JAN. 2015): Testing and commissioning for 132KV protection panels (OHL, CBF AND BUSBAR), 132KV GIS (HYNDAI) panels, BCU MODIFICATION FOR 132KV AND 13.8KV ABB REC 670.
- Protection Engineer of ALTOUKHI PROJECT S/S 9029 380KV AT AL-

QASSIM (JUN. 2013 till MAY 2014): Testing and commissioning for 380KV protection panels (OHL, CBF AND BUSBAR), 380KV GIS (HYNDAI) panels, BCU MODIFICATION FOR 380KV AND 132KV ABB REC 670.

- Protection Engineer of ALSTOM FSC PROJECT (FIXED SERIES COMPENSATION) S/S 9033 380KV AT AL-MADINAH (JAN. 2013 till JUN. 2013): Testing and commissioning for 380KV protection panels (OHL, CBF AND BUSBAR), 380KV GIS (ALSTOM) panels.
- Protection Engineer of SUDAIR INDUSTRIAL AREA S/S 132/13.8KV AT SUDIAR (JUN. 2012 till JAN. 2013): Testing and commissioning for 132KV protection panels (OHL, CBF AND BUSBAR), LOAD SHEDDING PANELS, ACCS SYSTEM AND ABTS, and 132KV GIS (HYSONG) panels.
- Protection Engineer of PP11 (Siemens AG) 380KV SUBSTATION AT DHURMA (DEC. 2011 till JUN. 2012): Testing and commissioning for 380KV protection panel (CBF, BUSBAR and TEE PROTECTION panels).
- Testing and Commissioning Engineer of SATORP (SAUDI ARAMCO, TOTAL REFINERY PROJECT) 230KV SUBSTATION AT ALJUBAIL (JUL. 2011 till DEC. 2011): Testing and commissioning for 230KV GIS LCC, GIS and control panels.
- Testing and Commissioning Engineer of 40 SUBSTATION CAPACITOR BANK (ABB) 13.8KV AT ALDAMMAM (MAY 2010 till Jul. 2011):
 - Installation of 13.8KV switchgear, capacitor and reactor for existing 40s/s.
 - Testing and commissioning for ACCS and protection panels.
- Testing and Commissioning Engineer of SAIHAT S/S (SEC-EOA) 115/13.8KV AT AL-DAMMAM (Jul. 2010 till May 2011):
 - 13.8KV feeders switchgear protective relays (micom P123, P127).
 - 13.8KV BusBar high impedance differential relay.
 - Transformer differential relays (Siemens 7UT 613) and transformer stability test.
 - All GIS 115KV (HYNDAI) and 13.8KV switchgear (Schneider) tests (contact resistance, circuit breaker, disconnectors and earth switches timing, high voltage test and Gas tests).
 - OHL autoreclser relays REXA103.
 - Auxilliaries, MCB's, transducers and power meters tests.

Dates : From Dec. 2005 till Jul. 2010

Project : Sidi Krir Power Plant
 (2x320MW, SIEMENS turbine / generator set, BABCOCK steam generator, Group Schneider GIS 220KV & General Electric 6.3KV SWGR, LC & MCC and 750MW combined cycle, two MITSUBISHI gas turbines, NEM heat recover steam generator, INSALDO steam turbine, Schneider Electric 6.3KV SWGR and SIEMENS GIS 500KV, this plant provides electric power to the Egyptian Grid via 8 feeders of 220KV & 220/500KV Substation (Two Auto-TR 500MVA & Two OHL 500KV))

Job title : Electrical Maintenance Engineer

- Job Description** :
- Maintenance, Troubleshooting and testing of GE protection relays (Multilin, MDP and Microversa) and SIEMENS protection relays (siprotec) using Freja300 (a computer-aided secondary injection relay testing and simulation system from GE) and OMICRON CMC 356 and CPC100.
 - Testing & Commissioning of power transformers (AREVA and HUYNDAI).
 - Maintenance, Troubleshooting of emergency diesel generator (perkins).
 - Maintenance & Troubleshooting for soft starters (ALTIVAR, EMERSON).
 - Maintenance & Troubleshooting for Power and control circuit of Medium Voltage (6.3KV) and low voltage Switchgear (General Electric).
 - Maintenance of power circuits and control circuit of overhead cranes(Kone crane 70, 20, 15 and 5 Ton).
 - Periodic Testing for Medium and low Voltage Motors (Measuring insulation resistance and polarization index Test).
 - Periodic Testing for Circuit Breakers (Circuit Breaker Operating Test (Timing Test (HATHAWAY), Dielectric Test, Contact Resistance Test).
 - Periodic Testing & Maintenance, Troubleshooting for Cathodic Protection System.
 - Periodic Maintenance & Troubleshooting for HVAC System for Generator and Turbine Building (Centrifugal Fans Unit & Wall Axial Fans Unit).
 - Periodic Maintenance & Troubleshooting for Sewerage Pumping Station.
 - Periodic Maintenance & Troubleshooting for Desalination Station (HITACHI - Japan), Hydrogen Station and Hypochlorite Station.
 - Periodic Maintenance & Troubleshooting for Power and control circuit of Electrical Valves (auma, limitorque, siemens) (Stop valves).
 - Periodic Testing & Maintenance, Troubleshooting for Earthing system.
 - Attended the construction, commissioning and start-up of 220/500KV substation at SIDI KRIR Power Plant by SIEMENS and PGESCO.
 - Good experience with plc's and control circuits.
 - Lead and manage team of technicians.
 - Good report writing skills.