

Holds a B. Sc. in Electrical Power Engineering and has about 13 years hands-on experience working in protection, testing and commissioning.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 26/11/1976
Gender : Male
Marital Status : Married
Residence : Currently KSA

EDUCATION

: B. Sc. in Electrical Power Engineering, 2001

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Digital Protection.
: Power Meter Calibration at Gamma International Egypt Co. for Metering Excellence.
: Transformer at Emeco Egypt Co.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2010 till now
Employer : ETAC Company, KSA
Job title : Commissioning Engineer
Job Description :

- Testing & Commissioning of all type of Relays:
 - Transformer Protection as (Transformer Differential - Restricted Earth Fault - over Voltage - under Voltage - Over Freq. - Under Freq.).
 - Over Current.
 - Bus Bar Protection.

- ACDB-DCDB Panel test.
- Current Transformer as (Polarity - Ratio - Resistance - Insulation - Saturation Curve).
- Voltage Transformer as (Polarity - Ratio - Resistance - Insulation).
- Synchronizing relay.
- Power Transformer.
- Power Cable.
- FUNCTION TEST FOR 13.8KV SWITCHGEAR.
- FUNCTION TEST FOR 33KV SWITCHGEAR.
- FUNCTION TEST FOR 132KV, 230 GIS SWITCHGEAR.
- Used the following instruments:
 - For Primary injection (ODEN).
 - For Secondary Injection (ISA T1000 relay setT3000, Sverker 750 – programma & DRTS-6 Isa, FREJA300, 306).
 - For Oil TEST (DPA75).
 - For Switchgear Test (MJOLNER 200 (Micro Ohmeter) & TM1600 Breaker Analyzer).
 - For Power Transformer (ATRT-03 Automatic Transformer Ratio Tester, WRM-10 Transformer Resistance Meter, OMICRON CPC100, RTC-700B AMETEK).
 - Power Cable Test (VLF Viola Bour).
 - CT Test (T-3000 Three Phase Primary Injec., MAGNUS Step-up Transformer, MH-10, Micro- Ohmmeter, FLUKE Mega-Ohmmeter).
 - ZERA, Circuit Tester SP101.
- Relay:
 - REJ 525 (CAP 501, CAP 540).
 - REF 615 (PCM600 ver 2.7).
 - MICOM P122, P142 (Schiender Micom S1 Studio, ALSTOM MiCOM S1 Agile).
 - Sepam 1000 S20, S40 (SFT 2841 Software).
 - Differential Transformer MICOM P633, P643, SIEMENS 7UT633, RADSB.
 - Bus Bar Protection RDAHA.
 - Pilot Protection Scheme MBCI01.
 - Under Voltage & Frequency FCN-95.
 - Over Current 7SJ6005, 7SJ640 (DIGSI4 ver. 4.9 Software).
 - Alstom KAVS 100 synchronizing relay.
 - AREVA MFAC Restricted Earth Fault Relay.
 - Auto Recloser REXA103.
 - Distance Relay RELZ100, MICOM P443, SIEMENS 7SA631, GE D60 Enervista UR Setup Software).
 - Direction relay MCSU, Micom P127.
 - CT Supervision RAEDK.
 - Voltage Control REC670, ZIV.

Dates : From 2005 till Jun. 2008
Employer : Egyptian Company for Electricity Distribution
Job title : Protection, Testing & Commissioning Engineer

- Job Description** :
- Testing & Commissioning of all type of Relays:
 - Transformer Protection as (Transformer Differential - Restricted Earth Fault - over Voltage - under Voltage - Over Freq. - Under Freq.).
 - Over Current.
 - ACDB-DCDB Panel test.
 - Current Transformer as (Polarity - Ratio - Resistance - Insulation - Saturation Curve).
 - Testing Earthing.
 - Testing Battery.
 - Testing Active & Reactive Power Meter.
 - Testing Switchgear.
 - Analysis of Electrical Power.
 - Improving power factor.
 - Used the following instruments:
 - For Primary injection (R Test type PCU/EME5).
 - For Secondary Injection (ISA T1000 relay set, Sverker 750 – programma & Omicron cmc 256-6).
 - For Oil TEST (OTS 60AF/2).
 - For Battery Testing (Battery impedance-electrical AQU Distillator).
 - For Earthing Test (Digital earth Meter - type MEEABRAS.MTD-20kw).
 - For Electrical Analysis (universal Power Meter UPM 6100).
 - For Switchgear Test (ATO 600P & ATO 400P).
 - For Active & Reactive Power Meter (BTS1.3 Portable 3 Θ meter test system).
 - Relay:
 - REJ 525, REX 521 (PCM600 ver 2.7, CAP 501, CAP 540).
 - Sepam 1000 S20, S40 (SFT 2841 Software).
 - Siemens 7SJ6005 (DIGSI Software).
 - Alstom Micom (p-122, p-127).
 - Meter software:
 - ABB digital meter (A PLUS Software, METERCAD Software).
 - GAMMA digital meter (Gamma software).
 - Genuis digital meter:
 - ❖ Prepare and Implement Procedure for Testing & Commissioning.
 - ❖ Implementation of Drawing and Relay Setting (Programming) at Site.
 - ❖ Make up Schematic and Interconnection Wiring Diagrams.
 - ❖ Responsible for Reviewing and approval of As Built Drawing of Electrical Subcontractor.
 - ❖ Planning for the Work to be Carried Out.
 - ❖ Preparation of Materials and Wiring.
 - ❖ Responsible for Management personnel of the Department.
 - ❖ Responsible for communicating with Customers Regarding Protection Issues.
 - ❖ Responsible for Evaluating Cost Electrical Installation Project.
 - ❖ Responsible for Monitoring the Progress done by the Electrical Subcontractor and Reporting to Management.

- ❖ See that the Work Shall Be Finished On Time and in Accordance with the Time Frame Set in the Contract.
- ❖ Take Charge of the Supervision of All Electrical Works that Company has Entered into Contract.