

Holds a B. Sc. in Electrical Power & Machines Engineering and has about 7 years hands-on experience working in testing and commissioning at several Power Stations.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 16/01/1988
Gender : Male
Residence : Currently Kuwait

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Zagazig University, 2010

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Visual Basic
: AutoCAD

TRAINING COURSES AND CERTIFICATIONS

: Programmable logic control (plc) level 1 (Feb./Mar. 2010).
: AutoCAD 2D 2007 (Jul. 2008).
: Automatic control (Jul. 2010).
: Pneumatic (Jul. 2010).
: Power system distribution (DIALUX PROGRAM) (Apr./May 2010).
: ICDL (Sep. 2008).
: Visual Basic 6.
: GE SAS (Substation automation system) from GE - Spain (from Dec. 2013 till Jan. 2014):

- How to test SAS system and put it in service.
- Trouble shooting the system problems.

: Protection relay testing from PSP (power system project) (Aug. 2013):

- Training for Secondary injection.
- How to program protection relay for ABB and GE.

- : Training at Utility Company (Jul./Aug. 2009 & Aug./Sep. 2009) in Design electrical panel:
 - Control panel (Classic control, Programmable logic control - plc & zelio).
 - Power factor correction.
- : Training at Sherwida substation (Aug. 2009): Knowing about power system component and its protective devices.
- : Training at Petroleum Pipes Company (Aug./Sep. 2008): Explaining of electrical devices (C.B., induction motor, protection devices).
- : Training at El Sewedy Cables (Aug. 2008):
 - Explaining of manufacturing stages of cables.
 - Knowing different types of cables.
- : Training at Giza System Company: Electrical installation of control panel.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jul. 2016 till now
- Employer** : AGI Company (Al Ghanim International) in Kuwait
- Project** : SABIYA phase 2 Power Plant 2x250MW Simple Cycle Siemens
- Job title** : Senior Electrical Testing & Commissioning Engineer
- Job Description** :
- Testing Main and Aux. XFMRs for the CTG units HHI Production.
 - Testing isolated phase bus (IPB) for CTG units.
 - Testing generator circuit breakers (GCB) for CTG units.
 - Testing MV SWGR (11KV ABB):
 - Breaker test of all incoming and outgoing cells (timing, contact resistance, insulation resistance).
 - Bus bar contact resistance.
 - Make function test of all incoming and outgoing cells.
 - Make primary injection test for CT.
 - High voltage test for the bus bar.
 - Testing protection relays for feeder protection (REF 610, 615), and motor protection (REM 610,620), and BB protection (REB 611 and REU 610).
 - Testing DC system (Battery, battery charger, inverter & UPS (125 KVA)) Borri production.
 - Commissioning emergency diesel generator.
 - Testing Plant Generators 2x300MW SIEMENS Production (tan delta and hipot).
 - Testing lube oil skid, seal oil skid, hydraulic skid, HCO skid and CCW for lube oil and H2.
 - Testing Emergency MCC, Gas compressor MCC, Auxiliary MCC and HVAC MCCS includes (protection relay testing (REF 615, REB 611) CT, VT test, Bus bar insulation resistance, Bus bar contact resistance, function check for incomers and outgoings modules).
 - Testing CCW and lube oil systems for GT 11, 12.
 - Finalizing all interlocks and hot loop check for all electrical BOP equipment.
- Dates** : From Oct. 2015 till Jul. 2016
- Employer** : AGI Company (Al Ghanim International) in Kuwait
- Project** : SABIYA Phase 1 Power Plant 2x250MW Simple Cycle Siemens

- Job title** : Senior Electrical Testing & Commissioning Engineer
- Job Description** :
 - Supporting the maintenance team till handover the plant.
 - Covering the warranty issues.
 - Follow up the punch list.
 - Preparing As built drawing of the electrical work.
- Dates** : From Oct. 2014 till Aug. 2015
- Employer** : AGI Company (Al Ghanim International) in Kuwait
- Project** : SABIYA Phase 1 Power Plant 2x250MW Simple Cycle Siemens
- Job title** : Senior Electrical Testing & Commissioning Engineer
- Job Description** :
 - Testing Main and Aux. XFMRs for the CTG units HYOSUNG Production.
 - Testing isolated phase bus (IPB) for CTG units.
 - Testing generator circuit breakers (GCB) for CTG units.
 - Testing MV SWGR (11KV ABB):
 - Breaker test of all incoming and outgoing cells (timing, contact resistance, insulation resistance).
 - Bus bar contact resistance.
 - Make function test of all incoming and outgoing cells.
 - Make primary injection test for CT.
 - High voltage test for the bus bar.
 - Testing protection relays for feeder protection (REF 610, 615), and motor protection (REM 610,620), and BB protection (REB 611 and REU 610).
 - Testing DC system (Battery, battery charger, inverter & UPS (125 KVA)) EMERSON production.
 - Testing Black start 11KV diesel generator.
 - Testing 11KV switch gear for 11KV Black start diesel generator:
 - Testing protection relays for feeder protection (REF 615), and BB protection (REU 610).
 - Breaker test of all incoming and outgoing cells (timing, contact resistance, insulation resistance).
 - Make function test of all incoming and outgoing cells.
 - Make primary injection test for CT.
 - High voltage test for the bus bar.
 - Testing Plant Generators 2x300MW SIEMENS Production (tan delta and hipot).
 - Testing lube oil skid, seal oil skid, hydraulic skid, HCO skid and CCW for lube oil and H2.
 - Testing Emergency MCC, Gas compressor MCC, Auxiliary MCC and HVAC MCCS includes (protection relay testing (REF 615, REB 611) CT, VT test, Bus bar insulation resistance, Bus bar contact resistance, function check for incomers and outgoings modules).
 - Testing CCW and lube oil systems for GT 11, 12.
 - Finalizing all interlocks and hot loop check for all electrical BOP equipment.
- Dates** : From Dec. 2012 till Jul. 2014
- Employer** : Power System Project Co. (PSP) - Subsidiary of El Sewedy Cables
- Project** : Giza North 1500MW Combined Cycle Power Plant (CP-117)

Job title : Senior Electrical Testing & Commissioning Engineer

Job Description :

- Unit back feed includes Energize the main, aux transformers, switchgear, load center, MCC and the load.
- Stability test for the transformers before energize.
- Over all commissioning for unit (1A, 1B, 2A, 2B) (interconnection test between GCB, protection panel, switchgear, transformers, switchyard, generator protection panel and fire panels).
- Testing the current transformers included (Megger, Turns Ratio, Polarity, Magnetization curve, secondary resistance measurements).
- Carry out all tests on power transformers for STG1, UNIT 2A, 2B main & aux. XFMR (insulation resistance, ratio, tan delta, dc winding resistance, vector group, voltage impedance, stability test, thermal image, sensors test, protective device test, fans motors, tap changer test and oil breakdown test).
- Testing ABB - GCB (generator circuit breaker) for module 1 unit 1A, 1B, 2A & 2B (contact resistance, timing, checking the mechanism & Electrical function test according to the wiring diagrams).
- HIPOT test for IPB units 1A, 1B, 2A & 2B.
- Testing and operating module 1 & 2 DC & UPS System chloride manufacture (2-chargers, 2-switch board, 2-distribution board, inverter and UPS).
- Testing and commissioning for batteries module 1 & 2.
- Testing and operating common system for Module 1 & 2 DC & UPS System chloride manufacture (2-chargers, 2-switch board, 2-distribution board, inverter and UPS).
- Testing and commissioning for batteries for common system for Module 1 & 2.
- Testing of medium voltage cables included Continuity, Megger and High pot test.
- Lockout and tag out for switchgear, load center and MCC.
- Adjust the setting for all MCCS before energize.
- Supervise the electrical operation and maintenance team for the plant.
- Responsible for ABB MV switch gear testing and operation.
- Coordinate with consultant and the OWNER all site construction activities, commissioning steps and Materials supplied matching with the contract specification.
- Follow up for activity on site.

Dates : From Oct. 2010 till Dec. 2012

Employer : Power System Project Co. (PSP) - Subsidiary of El Sewedy Cables

Project : El Ain El-Sokhna Super Critical Thermal Power Plant (2x650MW) Gas/Oil Fired (CP-117)

Job title : Electrical Testing & Commissioning Engineer

Job Description :

- Unit back feed includes Energize the main, aux transformers, switchgear, load center, MCC and the load.
- Stability test for the transformers before energize.
- Over all commissioning for unit 1 & 2 (interconnection test between GCB, protection panel, switchgear, transformers, switchyard, generator protection panel and fire panels).
- Testing the current transformers included (Megger, Turns Ratio, Polarity, Magnetization curve, secondary resistance measurements).

- Carry out all tests on power transformers for STG 1 & 2 main & aux. xfmr (insulation resistance, ratio, tan delta, dc winding resistance, vector group, voltage impedance, stability test, thermal image, sensors test, protective device test, fans motors, tap changer test and oil breakdown test).
- Testing ABB - GCB (generator circuit breaker) for STG 1 & 2 (contact resistance, timing, checking the mechanism & Electrical function test according to the wiring diagrams).
- HIPOT test for IPB units 1 & 2.
- Testing and operating DC & UPS System chloride manufacture (2-chargers, 2-switch board, 2-distribution board, inverter and UPS).
- Testing and commissioning for batteries.
- Testing of medium voltage cables included Continuity, Megger and High pot test.
- Lockout and tag out for switchgear, load center and MCC.
- Adjust the setting for all MCCS before energize.
- Supervise the electrical operation and maintenance team for the plant.
- Responsible for ABB MV switch gear testing and operation.

Dates : From Aug. 2010 till Oct. 2010
Employer : El-Alamia for metal technology factory
Job title : Electrical Maintenance Engineer
Job Description :

- Maintenance of electrical panel.
- Operating process.