

Holds a B. Sc. in Electrical Power & Machines Engineering and has 17 years of experience in different sites (Oil and Gas sites & electrical power station sites & projects and factories sites).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/07/1982
Gender : Male
Marital Status : Married
Residence : El-Behira

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

CHRONOLOGICAL EXPERIENCE RECORD

Employer : BECHTEL for client BP
Project : Giza Faoum site (GF) in Alexandria
Job title : Superintendent Electrical Engineer in oil and gas field

Employer : SAN MASR Egyptian Company with Bechtel
Project : Revin site
Job title : Leader for UPS group

Dates : From Feb. 2013 till Jul. 2013
Employer : SAN MASR
Job title : Maintenance & Operation Engineer in El-Burullus compressors

Dates : From Jan. 2009 till now
Project : NEW ABU QIR (2x650MW)

Job title	:	Maintenance Engineer
Job Description	:	• Attending all construction and commissioning and start-up test for generators and emergency diesel generators and UPS systems with big companies like MITSUBISHI & MELCO & AKSA & CUMMINS & TERMOKIMIK & ELECTROGORGE & ELECTRO THARWAT & DENORA & SIEMENS. • Responsible for make maintenance for 24KV synchronous generator and its Auxiliary and Static Excitation system, AVR and generator monitoring system. • Responsible for protection for 24KV generator and protection for excitation transformer. • Responsible for make maintenance to all type of ups system (air cooling system and water cooled system and it's maneuver (rectifiers, batteries, AC & DC distribution panels,). • Responsible for 1.4MVA emergency diesel generator.
Dates	:	From Jan. 2008 till Jan. 2009
Employer	:	Egyptian Electric Holding Company (EEHC)
Project	:	Abu Qir Old Power Plant
Job Description	:	<u>Maintenance Engineer (Protection Dept.):</u> • Installation & Maintenance of the following: - Protection devices (AREVA & ABB & Siemens & Beckwith). - Hydrogen cooled 320MW generator. - Water treatment plant auxiliaries. - MV Switchgear 6.6KV including SF6 & vacuum circuit breaker. • Able to provide technical direction and supervision to a team of technicians and craft labour for the installation, commissioning and maintenance activities for all variations of protection relay systems. • Able to install, test & commission LV, MV breakers, switchgear, protection relays, cables, motors. • Expertise on relay setting calculations, and be able to carry out comprehensive relay testing (including primary and secondary injections). • Understanding of the operational capabilities of electrical apparatus such as transformers and generators. • Understand the concepts of the electric power system and have knowledge of all auxiliary systems such as the breakers and switchyard components. • Familiar with the use of test equipments (Freja 300 & Omicron CMC156 & Omicron CMC256 & Omicron CMC356 & Foster & CBC 100 & MEGGER). • Responsible for all periodic tests such as: - Interlocking for C.B & disconnecter switches and earthing switches. - C.B tests such as (contact dc resistance, Timing of open & close for C.B, insulation test, dynamic resistance). - Siprotec Protection relays such as: 7SA522 & 7UM62 & 7UT612 & 7UT613 & 7SA6 & 7SS52 & 7SS60 & 7SJ80. - MICOM Protection Relays such as: P633 & P821 & P921 & P632 & P430. - ABB Relays such as REF 610. - Current Transformer tests such as: CT Burden & CT Excitation &

CT Ratio & CT Winding Resistance & CT Polarity check & Voltage withstand.

- Voltage Transformer tests such as: VT Burden & VT Ratio & VT Polarity check.
- Power transformer tests such as: winding resistance & turns ratio & short circuit impedance & insulation test & tan delta & power factor for bushing.
- Generator tests such as: no load test & short circuit test & insulation test & high voltage test.
- Testing all Transducers of (Current, Volt, Active power, Reactive power, Power Factor and Frequency) and measuring devices.

Maintenance Engineer (Turbine & Boiler Dept.):

- DC Motor & Induction Motor Maintenance and Testing.
- Motorized & solenoid valve Maintenance and Testing.
- Igniter & flame Maintenance.

Dates : From Sep. 2007 till Jan. 2008
Employer : Horse Company for water production

Dates : From Jun. 2005 till Sep. 2007
Employer : Egyptian Air Defence Armed Force
Project : Military Service
Job title : Officer

Dates : From Jul. 2004 till Jun. 2005
Employer : ACITO Company
Project : Kafr El-Dawar Power Station (modification unit 3)

Field of experience : Specialist in:

- Synchronous generators till 24KV.
- Motors maintenance.
- Diesel generators.
- UPS systems.
- Switchgear systems for different manufacturers.
- Water treatment systems.