Holds a B. Sc. in Electrical Power & Machines Engineering and has about 9 years hands-on experience working in operation and maintenance at Al-Shabab Power Plant.

PERSONAL DATA

Nationality	**:**	Egyptian
Birth Date	**:**	25/11/1986
Gender	**:**	Male
Marital Status	**:**	Married
Residence	**:**	Sharkia

EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Zagazig University, 2009

LANGUAGES

Arabic	**:**	Native Language
English	**:**	Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel), Internet

TRAINING COURSES AND CERTIFICATIONS

: Ms 9001 Gas Turbine operation, GE.

: Gas turbine auxiliary system operations, GE.

: Operation training course (Steam turbine, Generator, Transformers, Excitation, By-Pass, air cooled condenser, Generator C.B, auxiliaries) in Italy, Ansaldo Energia.

: Operation & Maintenance of (MV SWGR, LV SWGR, DC System & Dry Type Transformer), Schneider Electric.

: Ex 2100 regulator GCP operation and maintenance.

: Hydrogen generator fundamentals of operation and maintenance on-site training for (HOGEN®H-Series Hydrogen Generation System).

: Mark Vie gas turbine.

: Substation control system (SCS) System (Gis).

: Telecommunication System (SCS) in 220KV GIS.

: English at work.

: Transformer protection.

	:	Protection system of 220KV Gis substation.

CHRONOLOGICAL EXPERIENCE RECORD

Dates	**:**	From Jan. 2011 till now
Employer	**:**	EAST DELTA ELECTRICITY PRODUCTION COMPANY (EDEPC)
Project	**:**	AL-SHABAB Combined Cycle Power Plant
Job title	**:**	Electrical Engineer
Job Description	**:**	

- Working as Electrical Engineer at AL-SHABAB Combined Cycle Power Generation Station (gas turbine GE & steam turbine Ansaldo Energia) as Operation and Maintenance Engineer.
- Operation Engineer in Power Plant consist of (8x125MW) - GE gas fuel turbine (FRAME 9E) & 2 MODULES consist of (8 x HRSG + 2 x STG ANSALDO ENERGIA STEAM TURBINES – MT20 SH Steam Turbi.
- Manage directly and provide engineering and technical supports to all electrics work group at site.
- Experience working within multi-environments and under stress.
- 9 years hands-on experience as a Power Plant Operator including time I spent it as a Control Room Unit Operator.
- Working as Electrical Engineer at AL-SHABAB Power Generation Plant (220KV switchgear) (SCS) consists of following main components:
  - Redundant Station Computers (SC) for process automation and monitoring.
  - IEC 61850 Ethernet Switches for Process interfaces.
  - 2 SICAM PAS CC HMI Server PC.
  - 2 SICAM PAS CC HMI Operator workstations for control & monitoring.
  - 2 Serial Hubs for LDC / SCADA interface, one of them as redundant partner.
  - 2 protocol convertors (2xIEC 101).
  - 1 GPS Clock for time synchronization with 2 independent LAN cards.
  - 2 Event printers (A3).
  - 1 Engineering PC for engineering and diagnosis of bay control units, bay Protection relays and SCS system.
  - 1 Hardcopy color laser printer A4.
- Working on (MV SWGR (6,6KV) Schneider) control and protection system (sepam (S40, B21, M87, S42)).
- Experience in switching and operation of high voltage systems (220KV), medium voltage (6.6KV).
- Assign targets for accomplishment and ensure targets are met on daily basis for all electrical groups at site.
- Responsible for operation and maintenance (MV SWGR (6,6KV), LV SWGR) CB (Schneider Electric).
- Ensure that all site works are done according to applicable quality standards.
- Working on GIS control and protection system (BCU, LCC, siprotec (7UT612, 7SA522, ZSA612, 7SS525, 7VK610, 7VK611)) SIEMENS.
- Familiarity with digital control systems.

- Responsible for operation and monitoring GIS 220KV SWITCHGEAR (SIEMENS).
- Working on generator protection (G60 GE & 7UM622 SIEMENS).
- Working on transformer protection (7UT635 & 7UT633) SIEMENS.
- Operation and monitoring of the plant equipments like: fuel systems, turbine systems, generators systems, and electrical systems. Change loading of turbines/generators as required from the Board or through DCS.
- Read meters and record data at specified intervals in appropriate logs and computers. Team with the work of other operation employees on shift to insure successful start-up, operation and shut-down of units.