

Mr. Gemaey has 17 years of experience in electrical power protection and control systems. He gained his experience through hands on experience in design, startup, installation, operation and maintenance of such systems in submarines, marine equipment and diesel generators. He has deep knowledge of LV, MV and HV (up to 220kV) systems control and protection.

**BIRTH DATE:** Oct. 1967

**NATIONALITY :** Egyptian

**EDUCATION:** B.Sc. in electric power engineering, Mansoura University, 1990.

**COMPUTER CAPABILITIES:**  
Microsoft Windows and MS Office applications.

**LANGUAGES:**

- Arabic (Native)
- English (Good)

**CHRONOLOGICAL EXPERIENCE:**

**Date:** Jun 2008 – to present  
**Employer:** EGYPTROL Seconded to for **ABB Manheim**  
**Project:** Benghazi conveyance pump station C-319, Libya  
**Job Title:** Senior Electrical Engineer

**Responsibilities:**

- Commissioning and start up of pumping station 319 and its 66kV/11kV substation at Benghazi, including all protection relay setting and testing.
- Preparation of energizing procedures
- Client inspections and final handing over of equipments

**Date:** From 2002–May 2008  
**Employer:** Sandoub (Mansoura) Substation 220/66/11kV (6 lines 220kV, 8 lines 66kV, 27 feeders 11 kV, 3Trx 220/66kv), All ABB switchgear and protection relays.

**Job Title:** Chief of Protection department

**Responsibilities:**

- Testing of protection relays (Siemens, Micom, Sel, ABB).
- Managing shift operator and maintenance staff.
- Prepare and approve all procedures for preventive and corrective maintenance work orders and follow up maintenance activities
- Monitor and implement safety programs and permits approvals

**Date:** From 1996 To 2002  
**Employer:** SINDIBAD Submarine (Hurgada)  
**Job Title:** Electrical Maintenance Engineer

**Responsibilities:**

- Operation and maintenance of floating docks.
- Maintenance of AC Generators, Air Compressors, Navigational Equipment.
- Maintenance of fire alarm and fire protection systems, gas-analyzing systems, DC to AC Inverters (Analog Type).
- Maintenance and analyses of Batteries, VHF Radio, Thrusters, Pumps
- Air Conditioning Systems and Under Water Maintenance (Scuba Dive)

**Date:** From 1995 To 1996  
**Employer:** Sandoub Substation 220/66/11kV (Mansoura)  
**Job Title:** Operation Engineer

**Responsibilities:**

- Fully responsible for managing operation shifts for the substation

**Date:** From 1993 To 1995  
**Employer:** Kafr El Batteekh Power Station (Domietta)  
**Job Title:** Operation Engineer (Shift Lead)

**Responsibilities:**

- Operation of switchgear and gas and steam stations, operation of protection devices of High Voltage Transmission Line.

**Date:** From 1990 To 1993  
**Employer:** Misr Electrics Co.  
**Job Title:** Design and Installation Engineer

**Responsibilities:**

Design and installation of shooting valleys for the Egyptian Military forces.  
Design of control panels for shooting valleys.