

Holds a B. Sc. in Electronics & Communications Engineering and has 15 years hands-on experience working as E&I Engineer in Control Systems, SCADA, PLC, UPS, Gas Generators, Diesel Generators, power distribution panels and control distribution panels.

## PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : Menoufia

## EDUCATION

: B. Sc. in Electronics & Communications Engineering, Menoufia University, 2003

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet  
: MS Visio  
: Visual Basic language  
: C/ C++ programming  
: AutoCAD, Photoshop

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Oct. 2007 till now  
**Employer** : Egyptian Town Gas Company  
**Job Description** :

- Head department of Natural Gas Stations (from Jan. 2016 till now).
- Department Excellent Engineer - Electric Power & Generators (from Jan. 2013 till Jan. 2016).
- Excellent Power Engineer in SCADA dept. (from Jan. 2011 till Jan. 2013).
- First Power Engineer in SCADA dept. (from Jan. 2009 till Dec. 2010).
- Power Engineer in SCADA dept. (from Oct. 2007 till Dec. 2008).

**Dates** : From 2003 till 2006  
**Employer** : Al-Hazmy Institution for Electronics in Jeddah, Saudi Arabia

- Field of experience :**
- Extensive experience in the analysis, design, installation, commissioning operation and maintenance for the following systems:
    - Uninterruptible power system.
    - DC power system.
    - Off grid and on grid solar photovoltaic systems.
    - Automatic transfer switch panels.
    - Medium and low voltage distribution panels.
    - Earthing and cathodic protection systems.
    - Firefighting control panels.
    - Transformer and isolation systems.
    - Gas and diesel generators systems with its control.
    - Rectifiers, inverters, DC to DC converters, backup systems on batteries (VRLA, sealed, lead acid, Nickel Cadmium, Gel, maintenance free) and power cabling calculations.
  - Responsible for operation and maintenance of more than 28 Natural Gas Stations (Pressure Reduction & Metering Stations) and 45 metering points including the following:
    - Installation.
    - Configuration.
    - Cabling, termination & loop checking.
    - Commissioning, Operation and Maintenance.
    - Transmitting all needed signals to the main SCADA Control Center.
  - Attending on-site training, Participating in initial installation & commissioning of the following Natural Gas Stations (from 2007 till now) and frequent maintenance for all power systems:
    - South Cairo Power Station (by Progetti).
    - North Cairo Power Station (by Progetti).
    - West Cairo Power Station (by Nuovo Pignone).
    - West Cairo Power Station 2 (by RMG).
    - Helwan Fertilizer Station (by Dresser).
    - Port Said Reduction & Odorizing Station (by RMG).
    - Port Said Reduction & Odorizing Station 2 (by RMG).
    - Tebbin Power Station (by RMG).
    - Helwan Cement Station (by Pietro Fiorentini).
    - Kilns Station (by RMG).
    - Alexandria Reduction & Odorizing Station (by RMG).
    - Haram Reduction & Odorizing Station (by Pietro Fiorentini).
    - Tebbin Odorizing Station (by Pietro Fiorentini).
  - Installation & commissioning of all power & control systems for the following Natural Gas Stations:
    - New Cairo Reduction Station (December 2014).
    - Sharm El-Sheikh Power Station (December 2016).
    - Abu Qir Reduction Station (November 2017).
  - Design & installation of Solar Panels Systems for control & field instrumentation power feeding (2013) in New Cairo.
  - Design, installation & maintenance of Misr El-Khalij Group of hospitals (UPS, power distribution panels, generators and power panels for catheterization devices).