

Holds a B. Sc. in Industrial Electronics & Control Systems Engineering and has more than 11 years hands-on experience, including 8 years working in I&C field.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Marital Status : Married  
Residence : Cairo

## **EDUCATION**

: B. Sc. in Industrial Electronics & Control Systems Engineering, Menoufia University, 2005

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet  
: AutoCAD  
: Labview  
: PLC Programming: Ladder Diagram  
: Control Programs: SCADA monitor pro

## **TRAINING COURSES AND CERTIFICATIONS**

: Triconex InTouch wonderware, Schneider (2018).  
: Foxboro PAC, Scheider (2018).  
: Allen Bradley Control Logix troubleshooting, El-Sewedy (2017).  
: Primavera 6, AUC (2017).  
: Fire & Gas detectors, OGS (2014).  
: Advanced flow measurement, OGS (2014).  
: PLC & SCADA, OGS (2013).  
: Advanced programming plc, OGS (2013).  
: Control valve troubleshooting, OGS (2012).  
: Automatic control loops, OGS (2012).  
: Siemens PLC S7-300 (2009).

- : Automatic Control Circuit (2006).
- : Microcontroller (pic) (2005).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jul. 2010 till now  
**Employer** : Khalda Petroleum Co. – Joint-Venture Company between Egyptian General Petroleum Co-operation (EGPC) and Apache Company  
**Job title** : I&C Engineer

**Dates** : From Jul. 2007 till Jul. 2010  
**Employer** : Nexans Group International Cable Company – Egypt  
**Job title** : Electrical Engineer

- Field of experience** :
- PLC: Allen Bradley Rslogix 500, 5000 & Siemens S7 300, 400.
  - Maintenance and calibration of the control valves (Fisher, Masoneilan, Kimray, Invalco, ....).
  - Maintenance and calibration of critical Valves.
  - BMS: Honeywell, Sivalls and North America.
  - Experienced in air compressors and air dryer (Atlas Copco SF-11, ZT-55, GA-18 & Fiac).
  - Calibration, cold and hot loop checking of the electronic field instruments (Emerson, Magnetrol, .....).
  - Participating in HAZOP & HAZID, also performing FAT.
  - Experienced in turbine flowmeters (Gearbox, Nuflo, EDD).
  - Working with engineering documents (P&ID, C&E, single line diagram diagrams).
  - Conduct ESD, fire & gas detectors C&E Test.
  - Maintenance of Pneumatic Instruments (Fisher, Norrisal.samson, etc....).
  - Tuning motor VSD ac & dc drivers (SSD, Controltechnique, Siemens, Siei, etc.).
  - Good awareness in automatic control circuit components (Contactor - Relay - sensor - SSR).
  - Process systems experience in:
    - Commissioning & Start-up:
      - Pumps: Oil shipping pumps & water flood injection & booster pumps.
      - EPF Erection: Separators & two indirect heaters.
      - Oil Facility upgrade: Indirect heater, 3 phase Separator, Heater, Offloading pumps & oil storage tanks.
      - Fire & gas detection system.
    - Maintenance:
      - Pumps (Water injection & Oil Shipping)
      - Oil/Gas/Water separation.
      - Automatic flare ignition systems.
      - Fire & gas detection system.