

Holds a B. Sc. in Electronics & Communication Engineering and has over 7 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/10/1990
Gender : Male
Marital Status : Single
Residence : Alexandria

EDUCATION

: B. Sc. in Electronics & Communication Engineering, 2013

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: MS Visio & Publisher

TRAINING COURSES AND CERTIFICATIONS

: Electronic Boards Maintenance Programs:

- Printed Circuit Board (PCB).
- AVR (chip atmega 5835).
- Arduino (chip Arduino UNO).
- Matlab and simulink.

: PLC (programmable logic control):

- Simatic Manager - step7.
- Allen Bradley - Contrologix 5000.

: ICDL course (European computer drive licence).
: Basic knowledge of Gas / Steam Turbines:

- Lubrication and Control Oil.
- Vacuum.
- Turning Gear.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Aug. 2017 till now
Employer : [EGYPTROL](#), AC Boilers Subcontractor
Project : West Damietta 750MW
Job title : I&C Engineer

Dates : From Jun. 2016 till Aug. 2017
Employer : Rashpetco
Project : Extension Project at EMC (San-Misr)
Job title : I&C Engineer

Dates : From May 2014 till May 2015
Employer : Ganaclis Airbase, Beheira Governorate
Project : Military Service
Job title : Maintenance Engineer for War Planes (mirage -5 ATAR90C)

Dates : From Jul. 2013 till Apr. 2014
Employer : Petromaint
Project : Badr El-Din site (Oil & Gas)
Job title : I&C Maintenance Engineer

- Field of experience** :
- Maintenance and Calibration:
 - Pressure, differential pressure, Temperature, Flow and Level including all types of instruments "Transmitters, Switches and Gauges".
 - Pneumatic control valve tuning (Eckerd).
 - Commissioning of Motorized valve (AUMA and BIFFI).
 - Commissioning of stack damper (AUMA).
 - Performing cold and hot loop check.
 - Using HART (field communicator):
 - ABB.
 - 375 field communicator.
 - 475 field communicator.
 - Commissioning of CEMS (continuous emission and monitoring system):
 - Calibration of O2 analyzer, CO analyzer, SO2 analyzer and NOX analyzer.
 - Professional diagnosing and troubleshooting of alarm signals.
 - Knowing the Network diagram from the CEMS shelter to the control room.
 - Reviewing the P&ID.
 - Stack gas sample probe.
 - Sample gas cooler.
 - Heated gas sample line.
 - Smoke detector.
 - Commissioning of SWAS (continuous emission and monitoring system):

- Calibration of ROSMOUNT dual-input intelligent analyzer such as:
 - ❖ Calibration of PH.
 - ❖ Calibration of cationic conductivity.
 - ❖ Calibration of specific conductivity.
 - ❖ Calibration of dissolved oxygen.
- Calibration of 3S-Colorimeter silica analyzer.
- Reviewing the P&ID.
- Basic knowledge of Diverter damper commissioning.
- Commissioning of fire alarm control panel in MCC shelter like:
 - Knowing supervisory.
 - Knowing zones.
 - Programmable relays(alarm, trouble and supervisory).
 - Professional diagnosing and troubleshooting of alarm signals.
- Commissioning of the hoist:
 - Reviewing the P&ID.
 - Powering up the hoist.
- Commissioning of the lighting system in the HRSG using:
 - Photocell.
 - ABB analogue timer (AT2).
- Basic knowledge of AWL (aviation warning light) Commissioning.
- Measuring the insulation resistance (using megger) and the winding resistance using (FLUKE 87).
- Skills:
 - Administration:
 - ❖ Organized and prioritized personal schedule.
 - ❖ Re-organized and improved department filing system.
 - ❖ Successfully works to strict deadlines.
 - Communication:
 - ❖ Report findings of annual survey to senior management.
 - ❖ Work on department stand dealing with enquiries on Open Day.
 - Managerial and Interpersonal:
 - ❖ Part of a team to design new office procedures.