

Holds a B. Sc. in Industrial Electronics & Control Engineering and has over 10 years hands-on experience working in automation field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 15/02/1985
Gender : Male
Marital Status : Married
Residence : Suez

EDUCATION

: B. Sc. in Industrial Electronics & Control Engineering, Menoufia University, 2006

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: AutoCAD 2D
: MS Visio
: MS Project

TRAINING COURSES AND CERTIFICATIONS

: 6 English levels (Berlitz®) under supervision of FGF (Future Generation Foundation).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2017 till now
Employer : The Egyptian United Company for Sugar (U.S.C.E), Savola Group, Osra Sugar Comp.
Job title : Senior Automation Engineer
Job Description :

- Make any logic modification in the DCS using CFC and SFC.
- Make any modification in WINCC and WINCC Flexible.
- Working with PCS V6.1, PCS V7, PCS V8.

- Downloading to HMI OP7 and OP7.1 using Prosave.
- Taking weekly backup for the Simatic program for the plant.
- Taking weekly backup for the Archiving.
- Working with AS-I System (Installation, hardware configuration).
- Working with SIEMENS profibus transmitter and profibus positioners (calibration, Installation, hardware configuration).
- Calibrating the profibus devices using PDM.
- Working with Profi net Devices (calibration, Installation, hardware configuration).
- Working with Optical Fiber System (Installation, troubleshooting).
- Using CEMEX software for managing the calibration certification and labels.

Dates : From May 2010 till Feb. 2017

Employer : Suez Steel Company - AIR SEPARATION UNIT

Job Description :

- Working as Electrical Project Engineer in the (ASU).
- Making the commissioning for the (ASU).
- Working as Operation Engineer for the (ASU).
- Working as Automation, Measuring & Instrumentation Engineer in (ASU).
- The instrument which we deal with: pneumatic & hydraulic control valves with Siemens Positioner, PT100 & thermocouples, FT (flow transmitter) , LT (level TR), PDT (pressure TR), vibration transmitter, speed transmitter, current transmitter, Danfos inverter 75KW, Schneider inverter 60KW, temperature controller, cyclo controller, SCR AC power controller & computer comprehensive power monitor.
- The machine we deal with: 11MW & 5MW multi stage compressors, 400KW centrifugal pumps, turbo booster-expander, Cryogenic pumps.
- The Programmable Logic Controller:
 - DCS system in our (ASU).
 - SCADA system for our medium voltage cabinets.
 - Programming SEMATIC S7, PCS 7.
 - Programming using CFC language.
 - Programming the WINCC.
- Making the necessary modification in the LOGIC program to matching our planning production.
- Making the necessary modification in the HMI to deliver more Facilities for our operators.
- Making monthly planning online & offline PMI for our machine.
- Making instrument laboratory to Maintenance and fixing our instrument.
- Making small electrical workshop to design our control panels for our machine.
- Responsible to educate our technicians to be able to force the emergency cases quickly with the corrective solution and make a competition case between them.

Dates : From May 2007 till May 2009

Employer : Egypt & Middle East (E.M.E)

Job title : Maintenance Engineer

Job Description : Service Customer Department: collect the information about the copier devices, making the necessary maintenance for the copier devices.