

Holds a B. Sc. in Electrical & Communication Engineering and has about 12 years hands-on experience working in I&C field at several Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 25/06/1980
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical & Communication Engineering, Alexandria University, 2002

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Visual Basic 6

TRAINING COURSES AND CERTIFICATIONS

: ICDL
: AutoCAD 2002 in Abu Qir Training Center.
: Visual Basic 6 in Abu Qir Training Center.
: PLC in Abu Qir Training Center.
: Oracle Data Base in Abu Qir Training Center.
: Computer Hardware & Software Maintenance.
: IIT-800xA-Operation (T310) 800xA rev. 5.0 with AC800M Operation & Troubleshooting in Genova – Italy.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2017 till now
Employer : TECHINT Company
Project : AL-SHABAB Combined Power Station

Job title : Instrumentation & Operation Commissioning Engineer

Dates : From Mar. 2013 till Jun. 2017

Employer : West Delta Electricity Production Company

Project : Abu Qir Power Station (Steam Turbine 4x150MW)

Job title : Instrumentation & Control Engineer

Dates : From Dec. 2012 till Feb. 2013

Employer : [EGYPTROL](#)

Project : Abu Sultan Power Station (1 Unit x 150MW), Ismailia

Job title : Instrumentation & Control Engineer

Job Description :

- Make Honeywell DCS system software for this unit (3 feed water pumps, 2 lube oils for each pump, suction valves and discharge valves).
- Make Field modifications, including addition of field-devices, extending cables from field to HPM and performing required software modifications for these pumps.
- Addition of new logical system tags (regulatory PV, regulatory control, logic points, and digital composite points) for these pumps.
- Modification of current system tags, control blocks and control logics for these pumps.
- Design of control program (SAMA) and related control logics for these pumps.
- Modification of GUS displays using GUS Display Builder for these pumps.

Dates : From Mar. 2011 till Dec. 2012

Employer : West Delta Electricity Production Company

Project : Abu Qir Power Station (Steam Turbine 4x150MW)

Job title : Instrumentation & Control Engineer

Dates : From Apr. 2010 till Feb. 2011

Employer : TECHINT Company

Project : EMETHANEX - Methanol Plant, Damietta

Job title : Instrumentation & Commissioning Engineer

Job Description :

- Smart Transmitters, Pressure, Differential pressure, Level, Flow and Temperature.
- Smart Ultra sonic and Radar transmitters.
- Pneumatic, Control, On/Off, Hydraulic Valves.
- Valve Positioners and I/P converters, smart valves and Solenoid valves.
- Thermocouples and RTD's.
- Pressure, Flow, level and Thermo switches.
- All Gauges, Manometers, Thermometers and digital recorders.
- Proximity Switches.
- Gas, heat, flame and fire detectors.

Dates : From Dec. 2005 till Mar. 2010

Employer : West Delta Electricity Production Company

- Project** : Abu Qir Power Station (Steam Turbine 4x150MW)
- Job title** : Instrumentation & Control Engineer
- Job Description** :
- Honeywell DCS Total Plant Solution:
 - Maintenance of Total Plant TPS with TDC3000 DCS, Honeywell.
 - Persistence of Honeywell DCS system software for the 4x150MW units running under Honeywell TPS.
 - Field modifications, including addition of new field-devices, extending cables from field to HPM and performing required software modifications.
 - Addition of new logical system tags (regulatory PV, regulatory control, logic points, and digital composite points).
 - Modification of current system tags, control blocks and control logics.
 - Design of control program (SAMA) and related control logics.
 - Modification of GUS displays using GUS Display Builder.
 - Good working experience of BCS (Boiler Control System), BMS (Burner Management System), MCS (Motor Control System) and TCS (Turbine Control System).
 - Maintenance and calibration of site instrumentation for all devices, including:
 - Smart Transmitters, Pressure, Differential Pressure, Level, Flow and Temperature.
 - Valve Positioners and I/P converters, smart valves.
 - Thermocouples and RTD's.
 - Pressure, Flow and level.
 - All Gauges and Manometers, Thermometers.
 - Calibration instruments:
 - Hart Communicator 375, 475.
 - Druck DPI portable calibration.
 - Fluke 705, 724, 725, 744, 787, 9150.
 - Multifunction AVO meter and current/voltage source.