

100609-CSX-14MOSix-E-2005
Operation / Maintenance Engineer (I&C Dept.)

Holds a B. Sc. in Communications & Electronics Engineering and has about 15 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 09/07/1981
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Communications & Electronics Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Visual Basic and C

TRAINING COURSES AND CERTIFICATIONS

: Abu Qir Power Station, WDEPC: Trained on basics of vibration and balancing the rotating machines.
: Trained for ABB 800XA DCS in Italy for one month (Dec. 2011).
: ICDL

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2006 till now
Employer : WDEPC
Project : Abu Qir Power Station (Steam Turbine 4x150MW & 1x300MW)
Job title : Operation / Maintenance Engineer (I&C Dept.)
Job Description :

- Worked for a while as Operation Engineer. Completely aware of steam unit operation circuits, including boiler, turbine and auxiliaries operation instructions and sequences.

- Responsible of Maintenance, overhauls and calibration of all instruments for 5 steam power plants, producing 900MW as a total.
- Responsible of persistence of the Honeywell DCS system software and hardware, as well as modifications in the DCS control program and logics.
- Responsible of design and upgrade 300MW unit water treatment control system.
- Responsible of design and modification 150MW Steam Turbine (GE Mark VI).
- Responsible of design and upgrade 300MW unit Steam turbine control (ControSteam).
- Bently Nevada 3500 Vibration Monitoring System: Proficient working experience with software configuration, system software (3500 configuration utility and Data Manager™ 2000), all sensors installation and calibration (Turbine Measurements: Radial Vibration, Axial displacement, Case Expansion, KeyPhasor, Seismic and Eccentricity).
- SPEEDTRONIC™ Mark VI Turbine Control System: Proficient working experience with: Toolbox, Cimplicity and Historian including software changes, Adding/configuring I/O points, Forcing signals, Hydraulic Servos and LVDT Calibration, Testing of turbine steam valves, Hardware configuration, Blockware functions and algorithms, Configuration of Cimplicity displays, Adding and configuring of Historian signals, Trend Recorder and System Troubleshooting.

Dates : From Nov. 2020 till Dec. 2020
Employer : Egyptian Engineering Company for Andritz Hydro GmbH
Project : Esna Hydroelectric
Job title : Team Manager
Job Description : Responsible for Turbine Control Upgrade including construction, Loop Check, Commissioning, Start-up and Software upgrade.

Dates : From Nov. 2018 till Jun. 2019
Employer : Egyptian Engineering Company for Andritz Hydro GmbH
Project : Aswan Electric Hydrostation 2
Job title : Team Manager
Job Description : Responsible for 3 units Turbine Control Upgrade including construction, Loop Check, Commissioning, Start-up and Software upgrade.

Dates : Nov. 2017
Employer : CONTAQA Co. for Alstom, GE
Project : Assiut Combined Cycle Add-On Power Plant (500MW)
Job title : Laboratory Team Manager
Job Description : Responsible for configure, calibrate and issuing certificates all HRSGs and Turbines instruments.

Dates : From May 2017 till Aug. 2017
Employer : APM (Petromaint)
Project : E-Methanex Damietta Turn Around 2017 Shutdown

Job title : Supervisor Maintenance Instrumentation Engineer
Job Description :

- Dismantled, Calibrate and install again all vibration, speed and temperature sensor for most turbo-machinery and compressors.
- Worked for valves corrective maintenance (Dismantled, inspect, repair or change the valves internally parts) then make calibration and stork test.

Dates : Oct. 2017
Employer : Alexandria Training Center (ATC)
Job title : I&C Systems Instructor
Job Description :

- PLC Allen Bradley Studio 5000 Control Logix Fundamentals & Troubleshooting CCP299.
- Turbine Control Woodward 505.
- Scada System Allen Bradley Factory Talk View Me.
- Basic Instrumentation course.
- PLC Course.
- Protection of Electrical System.
- Hazard Area course.

Dates : May 2013
Employer : Oil and Gas Skills Institute (OGS)
Job title : I&C Systems Instructor
Job Description :

- SPEEDTRONIC™ MARK VI Turbine Control System.
- Programmable Logic Controller; Architecture and Basic Programming PLC.
- Level Measurements and Automatic Tank gauging.
- Advanced Flow Measurements.
- Basic distributed control system (DCS) and SCADA.
- Basic Process Control and Instrumentation.
- Test and control instrument.

Dates : From May 2009 till Jun. 2009
Employer : Rashid Petroleum Company (Rashpetco)
Job title : Design Engineer
Job Description :

- Participated in the Design phase of two booster-type gas turbines.
- Performed loop checks and attended compressors and motors start-up phase.