

Holds a B. Sc. in Electronics & Electrical Communications Engineering and has over 17 years experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Gender : Male
Residence : Kafr El-Sheikh

EDUCATION

: B. Sc. in Electronics & Electrical Communications Engineering, Cairo University, 2006

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access), Internet
: Specific PLC software

TRAINING COURSES AND CERTIFICATIONS

: Practical process control and tuning of industrial control loops (IDC TECHNOLOGIES CENTER).
: ABB symphony 6 DCS (onsite training).
: Gas turbine theory and GE turbine control system (Mark 6), hardware and software (onsite training).
: Vibration monitoring system (Bentley Nevada) model 3500, hardware and software (onsite training).
: Attending FAT test of fire and gas panel based on Siemens S7 PLC.
: Siemens turbine control system SPPA T-3000 (onsite training).
: Theoretical and practical firefighting training (onsite training).
: Yokogawa Prosafe SIS system (onsite training).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Dec. 2018 till now
Employer : Spanish Egyptian Gas (SEGAS)

Project : LNG Plant
Job title : Senior I&C Engineer
Job Description :

- Responsible for corrective and preventive maintenance for five turbo-generators (Frame 5) manufactured by HITACHI based on Mark VI control system and two turbo-compressors (Frame 7) manufactured by GE including Mark VI control system troubleshooting.
- Troubleshooting of Bentley Nevada model 3500 and BN System 1.
- Troubleshooting of antisurge CCC series 4 control system.
- Troubleshoot and maintain all train instrumentations.

Dates : From Nov. 2016 till Dec. 2018
Employer : SIEMENS AG
Project : Burullus 4800MW CAPP
Job titles :

- I&C Commissioning Engineer (SPPA T3000)
- I&C Maintenance Team Leader

Job Description : I&C commissioning activities for eight units SGT5-8000H gas turbine and four units 4 X SST5 – 5000H steam turbines:

- Gas turbine instruments Cold loop check.
- Calibration for all GT instruments.
- Loop check and function check for all GT instruments.
- Perform process change management (PCM) activities of the GT panel internal wiring and produce the as built drawing.
- Perform process change management (PCM) activities of T-3000 software.
- Excellent Experience of Siemens turbine control system SPPA T-3000.
- Familiar of vibration monitoring system Vibrometer VM600.
- Troubleshooting and Corrective maintenance during tests as RTR test.
- Main steam valves calibration.
- Steam turbine protection tests.
- Steam turbine instruments Cold loop check.
- Calibration for all ST instruments.
- Loop check and function check for all ST instruments.
- ST hot commissioning activities including main steam valve commissioning and protection tests.

Dates : From Dec. 2006 till Oct. 2016
Employer : Petromaint
Project : Belayim Petroleum Company (PETROBEL) Oil & Gas, Port Said – Egypt
Job title : Senior I&C Field Engineer
Job Description :

- From Apr. 2010 till Oct. 2016:
 - Responsible for corrective and preventive maintenance for four turbo-compressors (Frame 5), four turbo-compressor (PGT10) and three turbo-generators (GE10) gas turbines manufactured by GE, including Mark VI control system troubleshooting.
 - Responsible for troubleshooting and following up the activities of plant control systems as ABB SYMPHONY 6 D.C.S. and ABB AUGUST TMR E.S.D. Systems.
- From Mar. 2009 till Apr. 2010:
 - Participate with GE team in commissioning and start-up for three

- turbo-compressors model MS5002D (Frame 5) gas turbines.
- Installation, Calibration, cables meggering and loop check for all turbine instrumentations.
 - Excellent experience of GE turbine operator interface software (CIMPLICITY) (adding or modifying pages, items, etc.).
 - Excellent experience of GE gas turbine control system (Mark vi) (modifying in the program, ...).
 - Excellent knowledge of vibration monitoring system (Bentley Nevada) model 3500.
 - Participate with GE and F&G specialists in commissioning & functional check for the F&G system based on Allen-Bradley PLC system (Rslogix5000 software).
- From Mar. 2008 till Mar. 2009:
 - Participate with GE team in commissioning and start-up for three turbo-generators model GE10 gas turbines.
 - Participate with ABB specialist in commissioning and start-up for four low temperature separators (L.T.S.) units.
 - Participate with ABB specialist in commissioning and startup for utility area which contains three Atlas Copco air compressors and nitrogen production skid utilized for all the plant.
 - From Dec. 2006 till Mar. 2008:
 - Familiar with operation and maintenance for gasoline reboilers.
 - Ability to handle special tools like pressure pump, multi-meter, current injector, 375 & 475 hart communicator and frequency generator.
 - Good knowledge of hazardous area classifications.
 - Good experience in calibration of various instrumentations such as (Gas detectors, Vibration switches, Pressure switches, Pressure transmitters, Flow transmitters, Temperature transmitters, Temperature switches, Level transmitters, Regulators, Pressure safety valves, control valves, Pressure gauges and temperature gauges).