

Holds a B. Sc. in Electrical Engineering (Communications & Electronics) and has over 10 years hands-on experience working in I&C field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 30/10/1984
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Electrical Engineering (Communications & Electronics), Alexandria University, 2006
: Edku Secondary Boys School, El-Behira, 2001

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

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

TRAINING COURSES AND CERTIFICATIONS

: Basic Offshore Safety Induction & Emergency Training "BOSIET": Trained for three days in the professional techniques of offshore safety and life saving at petro lift with certified training valid up to Nov. 2020 (2016).
: Power Plant Operation Course at Abu Qir Power Plant Training Center: trained for 1 month in the basics of power plant operation based on steam or gas turbines (2007).
: Microsoft Word at Abu Qir Power Plant Training Center, trained for two weeks in the fundamentals of Microsoft Word 2003 (2008).
: Microsoft Excel at Abu Qir Power Plant Training Center, trained for two weeks in the fundamentals of Microsoft Excel 2003 (2008).
: AutoCAD at Abu Qir Power Plant Training Center (2009).
: PLC Basic & PLC Advanced at Abu Qir Power Plant Training Center (2009).

- : Computer Hardware Maintenance Course (A+) Level I & Level II – Arab Academy for Science & Technology: Trained for two months in the professional techniques of computer hardware maintenance, disassembly and reassembly (2010).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From May 2017 till now
Employer : TECHINT
Project : EL-SHABAB POWER STATION PROJECT TO CONVERT SIMPLE CYCLE TO COMBINED CYCLE (2x750MW)
Job title : E&I COMMISSIONING TEAM LEADER
Job Description :

- RESPONSIBLE TO CHECK AND VERIFY THE FUNCTIONALITY OF THE FIELD INSTRUMENT AS CONTROL AND ON/OFF VALVES, HART BASED, LOOP CHECK, FUNCTION TEST, START-UP AND RELIABILITY CHECK.
- RESPONSIBLE TO LINE UP SUB-SYSTEM AND CHECK LIST FOR "READY FOR COMMISSIONING".
- REVIEWING ALL DOCUMENTATION AND TESTS AND HAND OVER TO CLIENT.

Dates : From Jan. 2017 till Apr. 2017
Employer : EEC
Project : HYDRAULIC STATIONS POWER GENERATION COMPANY (HSPGC) WITH ANDRITZ HYDRO COMPANY AT ASWAN 1 POWER STATION
Job title : E&I COMMISSIONING MANAGER
Job Description : Responsible to whole project to rehabilitation of turbine controller for 2x40MW hydraulic units and verify the functionality of the field instrument as control and ON/OFF valves, HART based, point to point check, all wet and /or wet tests, emergency shut down, start-up tests, load rejection, turbine over speed, electrical & protection tests system reliability, system hand over & training.

Dates : From Oct. 2016 till Dec. 2016
Employer : RASHPETCO
Project : WEST NILE DELTA DEEP MARINE FOR TURUS – LIBRA PROJECT WITH BURRULLUS GAS COMPANY (ONSHORE AND TOPSIDE FIELD)
Job title : E&I COMMISSIONING ENGINEER
Job Description :

- Responsible to check and verify the functionality of the field instrument as control and ON/OFF valves, HART based instrument, Fieldbus based instrument. And verify their cause and effect matrix.
- Responsible to be authorized electrical engineer for electrical isolation and de-isolation for skids and equipments, also responsible for log out tag out certificates.
- Responsible to execute loop check, calibrations, Ethernet connections and interface with control systems.

Dates : From Nov. 2012 till 2015
Employer : TECHINT

Project : EL AIN EL SOKHNA PROJECT, SUPERCRITICAL BOILER (2x650MW, NATURAL GAS & HEAVY OIL FIRED)

Job title : COMMISSIONING ENGINEER

Job Description :

- Maintenance of ABB Total Plant DCS Control System, WOODWARD control system for 2x650MW Steam Units:
 - Responsible of persistence of the DCS system software and hardware, as well as modifications in the DCS control program, logics and operator displays.
 - Responsible of maintaining the DCS cable network, all the I/O processors, interface and field-termination cards, as well as the Ethernet network connecting all the PC's.
 - Analyzing of system faults and trips.
- Maintenance of all process instruments for 2x650MW supercritical steam units:
 - Responsible of calibration and maintenance of all process instruments for 2 steam power plants producing 1300MW as a total, including: regular and smart transmitters (pressure, level and flow) of types: ABB, ROSEMOUNT, Yokogawa, CZH or Fisher, pneumatic control valves, motorized valve, valve positioners, current-to-pneumatic transducers, on/off valves, pressure, level and flow switches, indicators (manometers, thermometers and digital recorders), thermocouples and RTD's.
 - Participated in tens of unit overhauls.
 - Completely aware of instruments dismantling, maintenance, calibration and reassembly and erection.

Dates : From Jul. 2012 till Oct. 2012

Employer : El Watania for electric technology "Natagas"

Project : Borg El Arab Power Station site

Job title : Operation & Maintenance Engineer

Dates : From Jul. 2011 till Jul. 2012

Employer : EMC (Egyptian Maintenance Company)

Project : West Delta Deep Marine (WDDM) Phase VII Development Main Compression Project Burullus site

Job title : Commissioning Engineer

Job Description :

- Responsible for commissioning the turbo-compressor machines from GE Nouvo Pignone PGT-25 series LM2500+. Verifying the instrument functionality and the system logic integrity.
- Responsible for commissioning the turbo-generator machines from Siemens SGT-300 series.
- Responsible to check and verify the functionality of the field instrument as control and ON/OFF valves, HART based instrument, Fieldbus based instrument. And verify their cause and effect matrix.

Dates : From Feb. 2007 till Jul. 2011

Employer : WDEPC

Project : Abu Qir Power Plant 4x150MW & 1x300MW Steam Turbine

Job title : Instrumentation & Control Engineer

- Job Description** :
- Maintenance of Honeywell Total Plant DCS Control System, for 4x150MW steam units:
 - Responsible of persistence of the DCS system software and hardware, as well as modifications in the DCS control program, logics and operator displays.
 - Responsible of maintaining the DCS cable network, all the I/O processors, interface and field-termination cards, as well as the Ethernet network connecting all the PC's.
 - Analyzing of system faults and trips.
 - Maintenance of all process instruments for 4x150MW and 1x300MW steam units:
 - Responsible of calibration and maintenance of all process instruments for 5 steam power plants producing 900MW as a total, including regular and smart transmitters (pressure, level and flow) of types Honeywell, Yokogawa, CZH or Fisher, pneumatic control valves, valve positioners, current-to-pneumatic transducers, on/off valves, pressure, level and flow switches, indicators (manometers, thermometers and digital recorders), thermocouples and RTD's.
 - Participated in tens of unit overhauls. Completely aware of instruments dismantling, maintenance, calibration and reassembly and erection.
 - Maintenance of 4x150MW Plant New Air Compressors System:
 - Attended the installation project of Ingersoll-Rand Centac Air Compressors. Participated in commissioning phase, system tests and start-up, under the supervision of IR Italian team.
 - Maintenance of Water Treatment Plant and Hypo-chlorination System:
 - Responsible of persistence of the Siemens S7 314/315/316 software controlling both systems. Assembled PLC reprogramming through Engineering PC. Familiar with both systems hardware.
 - Attended Hypo-chlorination plant system upgrade performed by ENORA, Italy.
 - Maintenance of Water Polishing System:
 - Professional working experience with Allen Bradley PLC.
 - Attended system commissioning by EI-Swedey Electric.
 - Participated in system installation and start-up.