

100358-CSX-14CMSx-E-2005

Senior I&C Commissioning Engineer

Holds a B. Sc. in Electronics & Control Engineering and has over 18 years' experience of work experience at Refinery & Power Plants (Simple and Combined Cycle Power Plant) at different Positions (Calibration / Maintenance / DCS / Instrumentation Commissioning). Working on remote project locations. Working on various Projects in different Countries (Egypt, Yemen, Saudi Arabia & UAE). Has experience on many software systems as (ALSPA P320 (Alstom), Yokogawa, MARK 6 (GE), SIEMENS SPPA-T3000, HONYWELL, MITSUBISHI DIA System. Commissioning activities as (loop check, function test, Pre-Commissioning, Commissioning and Start-up activities), Maintaining and repairing instruments and control systems, Creating and maintaining documentation such as commissioning loop and function sheets and commissioning turnover package (TOP).

PERSONAL DATA

Nationality : Egyptian
Birth Date : 04/10/1982
Gender : Male
Marital Status : Married
Residence : Fayoum

EDUCATION

: B. Sc. in Electronics & Control Engineering, Menoufia University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office, Internet
: Matlab
: AutoCAD 2D
: Visual Basic and Access Programming

TRAINING COURSES AND CERTIFICATIONS

: Two weeks Site Operation training in Cairo North Power Station for Alstom steam turbine generator and auxiliaries (software and field), held by German Expert of Alstom Co. (Jun. 2008).
: Training in Cairo North Power Station for GE speedtronic Mark VI.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2022 till Dec. 2023
Employer : Shanahan Engineering – Saudi Electricity Company
Project : PP13 – Riyadh
Job title : Senior I&C Commissioning Engineer
Job Description : My activity was continuity testing of cables(cold loop check), hot loop check using Control system (Yokogawa Centum VP), Creating and maintaining documentation such as commissioning loop and function sheets and commissioning turnover package (TOP), Maintaining and repairing instruments and control systems and Troubleshooting issues with instruments and control systems, identifying the root cause of the problem and implementing solutions during Pre-Commissioning, Commissioning and Start-up for combined cycle plant consists of Six units of HRSG and two units of steam turbine.

Dates : From Apr. 2021 till Apr. 2022
Employer : [EGYPTROL](#) - SEWA
Project : SEWA - Layyah Power Plant – Sharjah, UAE
Job title : I&C Commissioning Engineer
Job Description : My activity was Visual inspection for complete and correct installation, continuity testing of cables(cold loop check), loop check using Control system (MITSUBISHI-DIA System), Fire Detection system & Co2 fire-fighting system (MINIMAX Company) Commissioning, Creating and maintaining documentation such as commissioning loop and function sheets and commissioning turnover package (TOP), Maintaining and repairing instruments and control systems and Troubleshooting issues with instruments and control systems, identifying the root cause of the problem and implementing solutions during Pre-Commissioning, Commissioning and Start Up for simple cycle plant consists of two MITSUBISHI Gas turbine unit (M701F).

Dates : From Mar. 2020 till Nov. 2020
Employer : PESCO
Project : ADEN POWER PLANT – PHASE #1 - Yemen
Job title : I&C Commissioning Engineer
Job Description : My activity is Calibration and testing of instruments prior to installation. My activity is Visual inspection for complete and correct installation, continuity testing of cables(cold loop check), loop check using Control system (GE-Mark 6E), Fire Detection system & Co2 fire-fighting system (SANCO Company) Construction and Commissioning, Creating and maintaining documentation such as commissioning loop and function sheets and commissioning turnover package (TOP), Maintaining and repairing instruments and control systems and Troubleshooting issues with instruments and control systems, identifying the root cause of the problem and implementing solutions during Pre-Commissioning, Commissioning and Start Up for simple cycle plant consists of two GE Gas turbine unit (GE-9E).

Dates : From Sep. 2018 till Feb. 2020
Employer : GS ENGINEERING & CONSTRUCTION
Project : ERC REFINERY PROJECT IN MOSTOROD
Job title : I&C Commissioning & Maintenance Engineer
Job Description : My activity was continuity testing of cables (cold loop check), hot loop check using Control system DCS (HONEYWELL Experion PKS), ESD (HIMA SilWorx) and Package PLC (ALLEN BRADLEY and SIEMENS), Creating and maintaining documentation such as commissioning loop and function sheets and commissioning turnover package (TOP), Maintaining and repairing instruments and control systems and Troubleshooting issues with instruments and control systems, identifying the root cause of the problem and implementing solutions during Pre-Commissioning, Commissioning and Start-up for Units (HPU-HCU-SRU-SWS-VDU).

Dates : From Jan. 2018 till Aug. 2018
Employer : [EGYPTROL](http://www.egyptrol.com), Al Toukhi Subcontractor
Project : HAIL POWER STATION, KSA
Job title : DCS Engineer
Job Description :

- Implementing process automation solutions using DCS (SIEMENS SPPA-T3000) loop check and function test for 4 HRSG (FOSTER WHEELER) - Steam Turbine (SIEMENS).
- SPPA-T3000 Control System H/W and S/W configuration, including the automation and application servers.
- Fail Safe and Protection software configuration, also the configuration of the Fast Controller FM458 for steam turbine control.
- Implementation firmware updates, patches and Logic modification.

Dates : From Aug. 2016 till Oct. 2017
Employer : [EGYPTROL](http://www.egyptrol.com), SIEMENS AG Subcontractor
Project : BURULLUS POWER STATION
Job title : I&C Commissioning & Maintenance Engineer
Job Description : Implementing process automation solutions using DCS (SIEMENS SPPA-T3000) continuity test, loop check and function test and Maintaining and repairing instruments and control systems and Troubleshooting issues with instruments and control systems, identifying the root cause of the problem and implementing solutions during Pre-Commissioning, Commissioning and Start-up for SIEMENS GAS TURBINE (SGT5-8000H).

Dates : From Jan. 2014 till Aug. 2016
Employer : JV (Enppi &Toyo)
(ENGINEERING FOR THE PETROLEUM AND PROCESS INDUSTRIES)
Project : Ethylene Plant (EEP2), Alexandria
Job title : I&C Commissioning & Maintenance Engineer
Job Description : My activity was Visual inspection for complete and correct installation, continuity testing of cables(cold loop check), hot loop check using Control system DCS (HONEYWELL), ESD (TRICONCS), Creating and maintaining documentation such as commissioning loop and function sheets and commissioning turnover package (TOP), Maintaining and repairing instruments and control systems and Troubleshooting issues with

instruments and control systems, identifying the root cause of the problem and implementing solutions during Pre-Commissioning, Commissioning and Start-up for Ethylene Plant.

Dates : From Jul. 2012 till Oct. 2013
Employer : [EGYPTROL](#), DOOSAN HEAVY INDUSTRIES & Construction Co. Ltd. Subcontractor
Project : Ain Sokhna Thermal Power Plant Project 1300MW (2x650MW simple cycle)
Job Description :

- I&C Construction Engineer for all instruments (vibration, pressure transmitters and switches, flow transmitters and switches, level transmitters and switches, all types of thermocouples and RTD and valves as pneumatic – motorized – hydraulic valves ...) of Thermal Boiler.
- Calibration of all types of instruments (pressure transmitters and switches, flow transmitters, level transmitters and switches, all types of thermocouples and RTD...).

Dates : From Jan. 2012 till Apr. 2012
Employer : TERMOKIMIC – GLOBAL PARTNER
Project : Water Treatment Plant (Abu Qir Power Station)
Job Description : I&C Calibration Engineer for all types of instruments (pressure transmitters and switches, flow transmitters, level transmitters and switches, test all types of thermocouples and RTD...).

Dates : From Sep. 2010 till Dec. 2011
Employer : [EGYPTROL](#), TOSHIBA/TOYOTA Subcontractor
Project : El-Atf Power Station
Job title : Instrumentation Calibration Engineer
Job Description : My activity was Calibration and testing of instruments prior to installation of all types of instruments (pressure transmitters and switches, flow transmitters, level transmitters and switches, test all types of thermocouples and RTD...).

Dates : From Jan. 2006 till Sep. 2009
Employer : Egyptian Electricity Holding Company (Cairo Electricity Production Co.)
Project : Cairo North Power Station:
The project consists of 2 modules (I & II) each module of 750MW capacities combined cycle. Each module contains 2 gas turbines 2x250MW, HRSG and one steam turbine 1x250MW.

- Module 1:
 - Steam turbine manufacturer is Hitachi Co., Japan.
 - Control system of ST GE speedtronic Mark VI.
- Module 2:
 - Steam turbine manufacturer is Alstom Co., Germany.
 - Control system of Controcad.

Job title : I&C Maintenance Engineer

Job Description : Proceeding commissioning & start-up for Alstom steam turbine in module 2 and then periodic maintenance & inspection for all I&C equipments for steam turbine where the auxiliary systems as trash rack, pump house, debris filter and ball cleaning systems are designed by INITEC Company - Trouble shooting of instrument and control problem – working on GE DCS (MARK 6) & Alstom DCS (ALSPA P320).