

**104649-ICX-14CMOS-E-2010**  
**I&C Commissioning Consultant Engineer**

Holds a B. Sc. in Electrical Power & Machines Engineering and has over 10 years hands-on experience working in I&C field.

## PERSONAL DATA

Nationality : Egyptian  
Birth Date : 13/08/1987  
Gender : Male  
Marital Status : Married  
Residence : Helwan, Cairo

## EDUCATION

: B. Sc. in Electrical Power & Machines Engineering, Cairo University, 2010

## LANGUAGES

Arabic : Native Language  
English : Very Good

## COMPUTER SKILLS

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

## TRAINING COURSES AND CERTIFICATIONS

: APAVE (France) Electrical Safety Training Certificate in Mabruk Oil Field Libya.  
: Total (French Oil & Gas Company) Experience Certificate.  
: VALID MEDICAL Certificate.  
: PSP ELSEWEDY Safety Certificate.  
: PSP ELSEWEDY Experience Certificate.  
: HYUNDAI HEAVY INDUSTRIES Experience Certificate (JSTPP).

## CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Jan. 2019 till Nov. 2021  
**Employer** : FICHTNER GmbH & Co. KG  
**Project** : YANBU 3 Power & Desalination Plant

**Job title** : I&C Commissioning Consultant Engineer  
**Job Description** : Receiving the loop checks and the Function Test interlocks.

**Dates** : From Nov. 2017 till Dec. 2018  
**Employer** : Orascom consortium with General Electric  
**Project** : Assiut 1500MW Combined Cycle

**Job title** : Lead Commissioning & Start-up Engineer  
**Job Description** :

- Preparing the Daily Work for all team.
- Cold loop check, Hot loop Check.
- Preparing Function Test Procedure for BOP Systems.
- Performing the Function Test procedure for the BOP Systems.
- Start-up for the Systems.

**Dates** : From Mar. 2017 till Oct. 2017  
**Employer** : Elsewedy PSP  
**Project** : South Helwan Supercritical Power Plant 3x650MW  
**Job title** : I&C Engineer  
**Job Description** : Responsible for calibrating, installing, testing, cold & hot loop checking and commissioning for Instrument Devices.

**Dates** : From Mar. 2016 till Feb. 2017  
**Employer** : HYUNDAI Heavy Industries  
**Project** : Jeddah South Thermal Power Plant – Saudi Arabia  
**Job title** : Senior I&C Commissioning Engineer  
**Job Description** : Responsible for FGD, ESP and ASH Areas:

- Cold loop check and hot loop check.
- Testing all the signals between the DCS and the MCC.
- Submitting and performing the RFI.
- Clearing any upcoming Punch Directly.
- Function test and start-up for the System.
- Supporting the O&M team for any malfunction regarding the FGD, ESP ASH areas for all the Four Units.
- Flue-gas desulfurization DCS is (Yokogawa).
- Electrostatic precipitator ESP (supplied by ALSTOM) Siemens S5.
- ASH Handling System (Supplied by KOTREL) Allen Bradley.

**Dates** : From Nov. 2015 till Feb. 2016  
**Employer** : PSP ELSEWEDY  
**Project** : General Petroleum Company, Ras Ghareb  
**Job Description** :

- Upgrading two Dresser Rand H2S compressors which were working classic and putting new instrument devices connected to a New GE PLC for the two compressors.
- Construction of all instrument devices, calibrating, testing and commissioning the start-up for the system.
- Construction for the Control Cabinet and SAT test.

- Dates** : From Apr. 2015 till Oct. 2015  
**Employer** : PSP ELSEWEDY  
**Project** : Attaqa 650MW GT Power Plant  
**Job title** : I&C Engineer  
**Job Description** : Responsible for the balance of Plant BOP (Fast Track Project).
- Dates** : From Dec. 2014 till Mar. 2015  
**Employer** : PSP ELSEWEDY  
**Project** : EI-Tebbin Power Plant  
**Job title** : I&C Engineer  
**Job Description** : Responsible for calibrating, installing, testing, cold & Hot loop checking and commissioning for Instrument Devices and Valves plus performing missions in other power plant.
- Dates** : From Apr. 2014 till Dec. 2014  
**Employer** : PSP ELSEWEDY  
**Project** : North Giza Power Plant  
**Job title** : I&C Engineer  
**Job Description** : Responsible for calibrating, installing, testing, cold & hot loop checking and commissioning for Instrument Devices and Valves (ABB – Yokogawa – Rosemount – Vega – Rotork – Auma – Masoneilan – Flowserve – Drehmo).
- Dates** : From Feb. 2013 till Mar. 2014  
**Employer** : Dietsmann Maintenance Energy  
**Project** : Mabruk Oil Field, Libya  
**Job Description** : Maintenance contract: (ABB 800xA – Plant gaurd – SEPAM – ABB 200 – Sattline – Baker VSD – Unico VSD – Instrument devices – Valves ...):
- Perform scheduled preventive maintenances for the systems mentioned above.
  - Preventive Maintenance for Instrument Devices and Stroke for Valves.
  - 24/7 Support and assist in any system malfunction.
  - 24/7 Support and assist in case of unscheduled plant shutdowns.
  - 24/7 Support and assist in the configuration of all VSD controlled oil/water wells.
  - Implement software/hardware modifications when requested.
- Dates** : From Jan. 2012 till Jan. 2013  
**Employer** : Ponticelli Libyan Branch  
**Project** : Mabruk Oil Field, Libya  
**Job Description** :
- Senior Automation Technician, responsible for maintaining all Instrumentation Devices, Valves and many Kinds of PLC (ABB 800 XA – Plant Gaurd – ABB 200).
  - Performing weekly work permits and Corrective actions and assisting all the team to prevent Shutdown and retain the site and all wells to production in case of Shutdown.
  - Responsible for many Kinds of Variable Speed Drives (Schlumberger – Baker Huges – Unico – Altivar).

- Field of experience :**
- Instrument & Control Engineer in performing specific installation, pre-commissioning, commissioning and maintenance for instrumentation devices and Automation Systems.
  - Knowledge as Instrument of process principle, operations features and schedule for work activities.
  - Work experience in LIBYA and Egypt Oil and Gas Fields.
  - Work experience in Egypt Power Plants (North Giza, El-Tebbin, North Cairo, Abu Qir, Attaka Power Plants, South Helwan, West Assiut).
  - Work experience in Saudi Arabia Power Plants (Jeddah South Thermal Power Plant & Yanbu 3 Power and Desalination Plant).
  - Checking the P&ID Drawing.
  - Commissioning Engineer on different Automation Systems.
  - Commissioning of field instrument & Line checking.
  - All instrument calibration and loop checking.
  - Daily attending Tool box meeting.
  - Applying PTW.
  - Understanding & following the (HSE) safety rules.
  - Sending daily report to the site manager.
  - Coordinating with operation team.
  - Handling emergency site situation to supporting the operation team avoided plant shut down, prevent maintains & shutdown maintains.
  - Checking through the GMS and requesting to the MTR.