

Holds a B. Sc. in Electronic & Communication Engineering and has over 35 years experience working in I&C construction, commissioning, start-up and control. Familiar with all types of control system.

## **PERSONAL DATA**

Nationality : Egyptian  
Gender : Male  
Residence : Alexandria

## **EDUCATION**

: B. Sc. in Electronic & Communication Engineering, Mansoura University, 1984

## **LANGUAGES**

Arabic : Native Language  
English : Good

## **COMPUTER SKILLS**

: Windows, MS Office, Internet

## **TRAINING COURSES AND CERTIFICATIONS**

: DCS Distribution control system fundamentals at Baily Control, Canada (Jan. 1990).  
: Turbine control system fundamental at Alstom France (Dec. 2002).  
: National Safety and Health Institute Occupational in Egypt (2003).  
: GE Mark 6 at ELNG oil and gas in Egypt (2006).

## **CHRONOLOGICAL EXPERIENCE RECORD**

**Dates** : From Mar. 2023 till now  
**Employer** : EEC – Egyptian Engineering Co.  
**Job title** : Operation Manager  
**Job Description** : Responsible for all upgrade of Aswan Hydro Power Plant units 3 & 4.

**Dates** : From Jan. 2020 till Mar. 2023  
**Employer** : PGESCO  
**Project** : Assiut Power Plant 1x650MW supercritical steam

**Job title** : Construction & Commissioning Consultant Manager

**Job Description** :

- Responsible for design review and contract review.
- Responsible for plant commissioning and start-up.

**Dates** : From Nov. 2017 till Dec. 2019

**Employer** : PGESCO

**Project** : South Helwan Thermal Power Plant supercritical steam 3x650MW

**Job title** : Control Engineer

**Job Description** :

- Responsible for process start-up, commissioning.
- Contract review, design review and coordinate with all contractors.

**Dates** : From Dec. 2016 till Nov. 2017

**Employer** : PGESCO

**Project** : Burullus Combined Cycle Power Plant 4 modules 1200MW each supplied by Siemens each gas turbine is 400MW

**Job title** : Commissioning & Control Engineer

**Job Description** :

- Responsible for Siemens DCS and HRSG control system.
- DH+ gas turbine 400MW simple cycle supplied by Siemens as Construction & DCS Engineer.

**Dates** : From Dec. 2015 till Dec. 2016

**Employer** : PGESCO

**Project** : Suez Thermal Power Plant steam turbine 1x650MW

**Job title** : I&C Commissioning Engineer

**Job Description** : Responsible for all DCS and PLC control system.

**Dates** : From Mar. 2015 till Dec. 2015

**Employer** : PGESCO

**Project** : Giza North Combined Cycle Power Plant 3x750MW

**Job Description** : Consultant DCS, Construction & Commissioning Engineer for 6 gas turbines supplied by GE frame 9.

**Dates** : From Mar. 2013 till Mar. 2015

**Employer** : PGESCO

**Project** : Sokhna Power Plant 2x650MW #1 supercritical steam

**Job title** : Consultant E&I, Construction, Commissioning & Start-up Engineer

**Dates** : From Jan. 2006 till Mar. 2013

**Job Description** :

- I&C Team Leader with GENP and Mark 6 Control Engineer of oil and gas for 12 GE gas turbines frame 5, simple cycle 32MW as Construction & Commissioning Engineer and 20 gas compressors at IDKU Egypt Egyptian liquefied natural gas ELNG.
- Attend and help as Mark 6 Control Engineer the following:
  - Executing gas turbines frame 5 major overhauling.
  - Complete module replacement, axial compressor re-blading, combustion inspection and maintenance.

- Participate health and safety environmental program; follow the client safety rules as per standard.
- Lead the subcontractor successfully and safely.

**Dates** : From Jan. 2005 till Jan. 2006

**Job Description** : 

- Project Manager for boiler 690 T/h burner's replacement by low NOX burners and rehabilitation of Damanhour Power Plant 1x325MW.
- Performed the rehabilitation, commissioning and start-up, coordinating with all sub-contractors and the client.

**Dates** : From Oct. 2000 till Jan. 2005

**Employer** : INTERGEN (American) & EDISON (Italian)

**Project** : Sidi Krir Power Plant 2x360MW #1 boot

**Job title** : Instrument Manager

**Job Description** : 

- Lead and supervise the construction phase, commissioning and start-up.
- Planning and applying preventive maintenance and corrective maintenance as per manufacture procedure.
- Preparing the instrument laboratory with required calibration tools and simulator.
- Plan all the shutdown programs including the time, the material, the man hour and logistics.
- Managing the environmental station to measure the air quality and boiler stack emission and communicated with the government to meet their requirement.

**Dates** : From May 1998 till Oct. 2000

**Employer** : Electric Power System Engineering Co. (EPS)

**Project** : SEMADCO Talkha (fertilizer factory) for Cogeneration Power Station 17.5MW

**Job title** : Consultant Engineer

**Job Description** : 

- Contract review.
- Design review.
- I&C installation, commissioning and start-up.

**Dates** : From Jul. 1996 till May 1998

**Project** : Talkha Power Plant 2x210MW steam turbine

**Job title** : I&C Engineer

**Job Description** : 

- Preventive and corrective maintenance.
- Flue gases analyzers, water treatment instruments and analyzers instrument calibration.
- Loop check, Firefighting system and communication system.

**Dates** : From Feb. 1994 till Jul. 1996

**Employer** : Electric Power System Engineering Co. (EPS)

**Project** : Talkha Power Station 2<sup>nd</sup> unit 210MW

**Job title** : Consultant Engineer

**Job Description** : 

- Contract review.
- Design review.
- I&C installation, commissioning and start-up till the acceptance certificate.

**Dates** : From Apr. 1989 till Feb. 1994

**Employer** : EEA

**Project** : Damanhour Power Plant 1x325MW steam turbine

**Job title** : Instrument Engineer

**Job Description** : Following up the installation, commissioning, start-up, instrument calibration, loop check, DCS, PLC, boiler protection, turbine protection and BOP.

**Dates** : From Jan. 1988 till Apr. 1989

**Employer** : Elsewedy Electric Factory

**Job Description** : Operator on the cabling.