

Holds a B. Sc. in Mechanical Power Engineering and a Diploma in Natural Gas Engineering. Has over 14 years hands-on experience working in construction and maintenance.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 21/10/1979
Gender : Male
Marital Status : Married
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Cairo University, 2002
: Diploma in Natural Gas Engineering, Cairo University, 2007
: High School: Saidia Military School

LANGUAGES

Arabic : Native Language
English : Very Good
French : Fair

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Autodesk Inventor Professional 2012
: Revit MEP 2016

TRAINING COURSES AND CERTIFICATIONS

: Steam Boilers operation & maintenance – Hitachi Ltd.
: Steam Turbines and its auxiliaries operation & maintenance – Mitsubishi Heavy Industry Ltd.
: Compressors & Dryers operation & maintenance – Ingersoll Rand.
: Centrifugal pumps operation & maintenance – TM.P.
: Diesel generator – Cymasa.
: Fire Fighting systems maintenance – Chepro.
: HYDROGEN PLANT operation & maintenance course – Spirare Energy Pioneer.

- : Drain tank and fuel gas separation operation & maintenance – Facet.
- : Traveling water screens and trash rack operation & maintenance – Tarnos.
- : Sample rack – Iberfluid.
- : Enhancement of the old units (87.5MW) efficiency, CEPC Training Center.
- : The control in the boiler & turbine systems (330MW), CEPC Training Center.
- : Boiler (350MW) and its auxiliaries maintenance, CEPC Training Center.
- : English certificate – Manar Petroleum.
- : Some internal certificates for NDE & Welding.
- : Shoubra El-Kheima Power Plant (Bechtel training): Vacation training on: Basics and Site Specifics training courses, constituting a program of concentrated study of power plant equipments and systems theory and applications.
- : Computer courses.
- : International standard courses (ASME - API).
- : English: Intermediate 1 – Authorized Level from BRITISH COUNCIL IN EGYPT.
- : Revit MEP 2016
- : Environmental Revision for petroleum waste – Atomic Energy Authority.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2011 till now
Project : Cairo West Thermal Power Station (Units 7 & 8), 2x350MW
Job Description : Mechanical Maintenance Engineer for periodic and predictive and emergency maintenance for the Boilers and turbines and all related mechanical auxiliaries systems, included annual overhaul embedded period of 3 months in Shoaba Power Plant in SAUDIA ARABIA.

Dates : From Jan. 2008 till Jan. 2011
Project : Cairo West Thermal Power Station (Units 7 & 8), 2x350MW
Job Description :

- Mechanical Installation Engineer for the piping systems and the full foundation of the mechanical equipments and its accessories such as (the boiler system, the turbine system, the pump system, the heaters system, the critical pipe system, Fuel oil storage tank system, Natural gas system).
- Proceeding the erection of the boilers steel structure, buck stay, ducts, expansion joints and dampers.
- Pursuing the material purchase order of the contract no.10051-PO-112 which is pertaining (Critical piping and valves) supplied by CIMTAS Ltd.
- Welding & NDE Inspector for the piping and large storage tanks.
- Start-up and Commissioning Engineer for the power plant equipments testing, flushes, steam blows and operation.

Dates : From Jan. 2007 till Jan. 2008
Employer : Orascom Construction Industries (OCI)
Project : Sorfert Fertilizer Project – Arzew, Algeria

Job Description : • Piping Engineer for constructing pipe racks with different material grades such as high temperature, low temperature, carbon steel and stainless steel pipes.
• Mechanical Site Engineer for constructing the cooling tower CT01 supplied by HAMON THERMAL GERMANY GmbH and it is comprising 18 cells with circulating cooling water flow 53400 m³/hr, heat capacity 603MW with its equipment components such as cooling fans, helical bevel gearbox, oil supply equipment, butterfly valves and the piping system feeding the cooling tower with the spray system.

Dates : From Jan. 2003 till Jan. 2007

Employer : Egyptian Natural Gas Distribution Company

Project : Egyptian Town Gas (E.T.G), Cairo

Job Description : • Construction Engineer for Natural Gas pipe lines distribution and transmission lines of both Steel and Poly Ethylene pipes (P.E.80-P.E.100).
• Technical Engineer for pipe lines testing by the means of the Pneumatic and Hydrostatic techniques according to the specifications procedures and issue the test certificates of the pipe lines.
• Construct Pressure Reduction Stations (P.R.S) for natural gas piping systems according to TD/13.
• Sharing with committees of material take of such as (Pipes - Valves - Fittings - Mechanical Joints).
• Studying of the international specifications (API-ASME-IGETRANSCO PL1:PL8) and assign the practicability of these specifications in the site.
• Proceeding the commissioning procedure of the Natural Gas according to the international specifications.

General Projects:

- Natural gas pipeline systems and its equipments feeding fourteen automobiles stations.
- Pipeline system and its P.R.S (Pressure Reduction Station) feeding North Cairo Power Plant.
- Piping systems feeding industrial customers and commercial customers and constructing its natural gas regulators.
- Constructing natural gas grid for domestic purposes.