

Holds a B. Sc. in Mechanical Power Engineering and has over 9 years hands-on experience in project construction, pre-commission and commissioning in different large scale projects (petro-chemicals and Fertilizers). Has deep knowledge and experience in installation of several types of static equipment (Heat exchanger, vessels, columns, towers and drums) & rotating equipment (Pumps, blowers, compressors, turbines and fans). Good understanding of relevant industry codes and standards such as API and ASME.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 31/03/1984
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2005

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD
: Matlab

TRAINING COURSES AND CERTIFICATIONS

: MATLAB at the Arab Academy for Science & Technology (AAST).
: Conventional Automatic Control at ETC.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2015 till now
Employer : ThyssenKrupp Industrial Solutions Egypt
Job title : Senior Rotating Construction Supervisor

Job Description :

- Checking the capacities (equipment and personal) provided by the subcontractors.
- Checking the materials and equipment used by subcontractors for conformance with the contractual specifications.
- Checking the storage conditions for the materials and equipment.
- Checking that the quality of the work complies with the contractual specified quality.
- Verifying inspections.
- Directing the commencement of the work and tracking the remediation of non-conformities.
- Monitoring the construction and pre-commissioning work performed by the subcontractors with regard to: Heavy transport and lifting, adequate scaffolding, interferences with existing installations, assembly of the individual items, pipe connections to the machinery, alignment, anchoring and grouting.

Dates : From Oct. 2014 till Jun. 2015

Employer : Técnicas Reunidas

Project : Sadara Chemical Company (SADARA) – Jubail Industrial City II:
Sadara is a joint venture between the Dow Chemical Company (DOW), the second largest chemical manufacturer in the world, and Saudi Aramco the world's leading integrated petroleum enterprise.
This complex will represent the largest petrochemical facility ever built in one single phase, with 26 integrated world-scale manufacturing plants, over 3 million metric tons of capacity per year, the project expected to produce about 1.5 million tons per annum (Mtpa) of ethylene and about 400,000 tpa of propylene.
Técnicas Reunidas is building the Chem- III project, the plant are expected to produce ethylene oxide, propylene glycol, polysols, ethanol amines, ethylene amines, butyl glycol. Total Project cost is US\$ 800 MILLION component of the US\$ 20 BILLION SADARA chemical project.

Job title : Mechanical Supervisor

Job Description :

- Supervised the installation of static equipment (Towers, Vessels, Drums, Heat Exchanger and Filters) and rotating equipment (Pumps and Fans) in Polyethylene Oxide Derivatives (POD Plant).
- Supervised the installation of internals (Trays, Distributors, Feed Pipe, Support Grid and Packing).
- Supervised the Pre-Alignment and Final Alignment of pumps.
- Supervised the installation of Cooling Tower (SPIG).
- Supervised the installation of Sand Filters (NORDIC WATER).

Dates : From Jan. 2013 till Oct. 2014

Employer : ThyssenKrupp Industrial Solutions AG

Project : Egyptian Hydrocarbon Corp (EHC) – Ain Sokhna:
A chemical complex in the Suez region (Egypt), which will include nitric acid And ammonium nitrate (AN) facilities, the plant are expected to produce 925 tons/day of nitric acid Which will be further produce 1,060 tons/day of low density AN. Total Project cost is 298 MILLION US\$.

Job title : Mechanical Equipment Engineer

Job Description : Supervised and directed the installation, pre-commissioning, commissioning, maintenance and inspection of rotating and stationary equipment in the Offsite & Utilities which includes raw water treatment unit (HAGER+ELSAESSER), cooling tower (SPIG), air cooled condenser (SPIG), package boiler, NH3 emergency flare, nitrogen unit, fire fighting, instrument & plant air unit, horizontal and vertical pumps (RUHRPUMPEN, KSB, VOGEL, APOLLO), Refrigeration and boil off compressors (JOHNSON CONTROLS).

Dates : From May 2012 till Oct. 2012

Employer : THYSSENKRUPP UHDE GMBH

Project : EPPC PDH-PP PROJECT – PORT SAID:
A propylene/polypropylene (PP) complex plant with a capacity of 350,000 tpa. Total project cost is 680 MILLION US\$.

Job title : Mechanical Equipment Engineer

Job Description :

- Supervised the calibration of lifting devices.
- Supervised the catalyst handling of OXY REACTORS and STAR REFORMERS during shutdown.

Dates : From Feb. 2011 till Mar. 2012

Employer : Egyptian Army

Project : Military Service

Dates : From Aug. 2008 till Jan. 2011

Employer : THYSSENKRUPP UHDE GMBH

Project : EPPC PDH-PP PROJECT – PORT SAID

Job title : Mechanical Equipment Engineer

Job Description :

- Supervised and directed the installation, inspection, commissioning, maintenance, repair, troubleshooting and modification activities of all rotating and stationary equipments in the PP-Plant which includes reciprocating compressors (BURCKHARDT), centrifugal compressors (ATLAS COPCO), vertical, Axial and centrifugal pumps (KSB, FLOWSERVE, ENSIVAL, UNION), agitators, reactors, heaters, vessels, columns, heat exchanger, lifting devices and filters.
- Supervision on construction, pre-comm. and commissioning for bagging and palletizing machines.
- Supervision the installation of internals and filling catalyst.
- Supervision the installation of platforms.
- Performed and supervised pre-alignment, parallelism and final alignment check.
- Prepared the mechanical completion and the punch list.
- Prepared mechanical completion / as built document packs.
- Supervised the oil system flushing.
- Handled all equipment materials, spare parts and special tools.
- Worked with vendor technical representatives to resolve rotating equipment technical problems.
- Identified and coordinated 3rd party involvement which was required.

Dates : From Jan. 2007 till Jul. 2008
Employer : THYSSENKRUPP UHDE GMBH
Project : MOPCO UREA / AMMONIA FERTILIZER PROJECT – DAMIETTA:
An Ammonia and Urea plant with a capacity of 2400 tons/day of ammonia which will be further produce Urea with capacity 3900 tons/day. Total project cost is 1.7 BILLION US\$.

Job title : Mechanical Equipment Engineer

Job Description :

- Supervised the construction, commissioning and start-up of compressor house machinery which includes steam turbines (Siemens), centrifugal compressors (Man Turbo and GE Oil & Gas), generator and the auxiliary oil units and pumps.
- Performed and supervised pre-alignment, parallelism and final alignment check.
- Checked piping parallelism with the machine nozzles.
- Handled all equipments material, spare parts and special tools.
- Prepared machines for commissioning and start-up operation (Oil systems Flushing).
- Worked with vendor technical representatives to resolve rotating equipment technical problems.