

Holds a B. Sc. in Production Engineering and has about 21 years hands-on experience working in projects management works for Sea water RO desalination plants / Ultra Filtration Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 22/02/1975
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Production Engineering, Alexandria University, 2000

LANGUAGES

Arabic : Native Language
English : Very Good

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: Modeling software (AutoCAD - MasterCAM X - ArtCAM pro – EdgeCAM - Solid Works - ProEngineer4, ...etc.)
: Plant design Software (Toray membranes DS - Filmtech membranes Rosa Design tool, ...etc.)

TRAINING COURSES AND CERTIFICATIONS

: Health & Safety (General Awareness Training) (Apr. 2008).
: Developing the Leader with you (LEADERSHIP) (Apr. 2008).
: Team Building (TEAMWORK) (May 2008).
: Introduction to Pro/Engineer wildfire 3.0.
: ERP (Microsoft Great Plain).
: Trainings at Alexandria Company for Metal Works (from Jun. till Sep. 1999 and from Jul. till Oct. 2000).

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Sep. 2020 till now
- Employer** : AQUAMAIN for Water Tech. and Environment, Alexandria
The company is a leader in the project's management for water & waste water treatment Projects (water RO desalination plants, Ultra Filtration Plants, Waste Water Treatment Plants).
- Projects** :
 - Dakahlia - Berqin UF plant 3000 m3/d
 - Sinai RO plant 2x250 m3/d
 - Dakahlia - Basandilla UF plant 5000 m3/d
 - Dakahlia - Al-Shawamy UF plant 5000 m3/d
 - Toshka Waste water treatment Plants 6x600 m3/d
- Job title** : Technical Office Manager
- Job Description** :
 - Manage an engineering team to do all engineering works (Plant Design, Manufacturing, Assembly, Installation, Test & Commissioning and Operation, ...etc.).
 - Prepare/study all works related to Tenders, Contracts and technical & financial proposals.
 - Prepare all Project works such as (Plant design - 3D modeling - Shop drawings – calculations - Bill of Materials - Equipment list, Project Time schedule / plan, method statements, technical submittals, reports, quantity surveying, purchase orders and payment invoices - As built drawings, ...etc.).
 - Prepare the Quality Control Plans for pre-comm. /comm. activities.
 - Support for the implementation of the commissioning plan and coordination between design engineering, equipment Suppliers.
 - Support a team of engineers/supervisors for the execution of pre-comm, comm, and Energization/Start-up activities.
 - Provide Mechanical Site supervision during Commissioning.
 - Identify requirements and Specifications, drawings and other documents of the project.
 - Support and provide drawings & Design review, safety and constructability review, spare parts order, specialist services, and model review.
 - Review contractual documents and identify project requirements and constraints /risks.
 - Technical support and problem resolving for different equipment at the stage of pre-comm. / comm.
 - Ensure all testing documents/procedure are available to the testing team.
 - Prepare reports and documents Weekly and monthly.
 - Attend project progress review meetings.
 - Participation in preparing/applying training plans and programs for our work team (Engineers - Technicians) to achieve full qualification for them and to improve and develop their performance. As well as participating in the preparation of courses, documents and tools necessary for training.
- Dates** : From Dec. 2017 till Jun. 2021
- Employer** : ANSALDO ENERGIA
- Project** : West Damietta CCPP

Job title : Commissioning & Operation Engineer

Job Description :

- Perform all duties related to Installation, test & Commissioning, monitoring and operation of plant equipment from the plant floor and control room. And perform all duties in accordance with plant safety regulations. And cooperate with maintenance department to identify and troubleshoot plant problems.
- Apply/provide Quality Control Plans for pre-comm. /comm. activities.
- Support for the implementation of the commissioning plan and coordination between design engineering, equipment Suppliers.
- Support a team of engineers/supervisors for the execution of pre-comm, comm, and Energization/Start-up activities.
- Provide Mechanical Site supervision during Commissioning.
- Identify requirements and Specifications, drawings and other documents of the project.
- Support and provide drawings & Design review, safety and constructability review, spare parts order, specialist services, and model review.
- Review contractual documents and identify project requirements and constraints /risks.
- Technical support and problem resolving for different equipment at the stage of pre-comm. / comm.
- Ensure all testing documents/procedure are available to the testing team.
- Prepare reports and documents Weekly and monthly.
- Implement the PTW (permit to work system) requirements, issuing, prepare the Risk Assessments.
- Responsible to discuss and get the approval of Pre-comm., Comm. and Energization procedures from customers.
- Ensure that all safety and precautionary requirements and procedures are following during the commissioning process in line with the commissioning schedule.
- Participating in applying training plans and programs for our work team (Technicians) to achieve full qualification for them and to improve and develop their performance.

Dates : From Nov. 2013 till Oct. 2016

Employer : Yard Consulting Engineers (design and supervision for water and waste water projects), Head Office, Riyadh – Saudi Arabia

Job title : Design & Technical Support Engineer

Job Description :

- Technical consultant, services, selection and support for all project works & equipment.
- Revise and evaluate all documents for new contracts and projects.
- Revise and evaluate all projects work at all stages (before, during and after execution). Such works as design calculations, technical and hydraulic studies, drawings, BOQ, technical specifications, ...etc.
- Apply/provide Quality Control Plans for pre-comm. /comm. activities.
- Support for the implementation of the commissioning plan and coordination between design engineering, equipment Suppliers.
- Support a team of engineers/supervisors for the execution of pre-comm, comm, and Energization/Start-up activities.

- Dates** : From May 2009 till Nov. 2013
- Employer** : Express Industrial Company (the company is a leader in design, manufacturing and operating of water desalination plants using reverse osmosis method), Borg Al Arab Ind. Zone, Alexandria – Egypt
- Projects** :
 - EMAAR-MARASSI SWRO plant 5000 m3/d
 - EMAAR-MARASSI Containerized SWRO plants 4x700 m3/d
 - PALM HILL - HASIENDA BAY SWRO plant 2500 m3/d
 - PALM HILL - HASIENDA BAY Containerized SWRO plants 2x700 m3/d
 - Sinai - Sharm El-Sheik (SWRO 500 m3/d -- SWRO 300 m3/d)
 - Sinai - Taba (Upgrade) SWRO plant 5000 m3/d
 - Sinai - Nowebaa (Upgrade) SWRO plant 10000 m3/d
- Job title** : Technical Office & Projects Manager
- Job Description** :
 - Manage an engineering team to do all engineering works (Plant Design, Manufacturing, Assembly, Installation, Test & Commissioning and Operation, ...etc.).
 - Prepare/study all works related to Tenders, Contracts and technical & financial proposals.
 - Prepare all Project works such as (Plant design - 3D modeling - Shop drawings – calculations - Bill of Materials - Equipment list, Project Time schedule / plan, method statements, technical submittals, reports, quantity surveying, purchase orders and payment invoices - As built drawings, ...etc.).
 - Prepare the Quality Control Plans for pre-comm. /comm. activities.
 - Support for the implementation of the commissioning plan and coordination between design engineering, equipment Suppliers.
 - Support a team of engineers/supervisors for the execution of pre-comm, comm, and Energization/Start-up activities.
 - Provide Mechanical Site supervision during Commissioning.
 - Identify requirements and Specifications, drawings and other documents of the project.
 - Support and provide drawings & Design review, safety and constructability review, spare parts order, specialist services, and model review.
 - Review contractual documents and identify project requirements and constraints /risks.
 - Technical support and problem resolving for different equipment at the stage of pre-comm. / comm.
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 - Implement the PTW (permit to work system) requirements, issuing, prepare the Risk Assessments.
 - Responsible to discuss and get the approval of Pre-comm., Comm. and Energization procedures from customers.
 - Prepare reports and documents Weekly and monthly.
 - Attend project progress review meetings.
 - Participation in preparing/applying training plans and programs for our work team (Engineers - Technicians) to achieve full qualification for them and to improve and develop their performance. As well as participating in the preparation of courses, documents and tools necessary for training.

Dates : From Feb. 2008 till Mar. 2009
Employer : OMNI OIL TECHNOLOGIES Company (the company is a manufacturer of oil well drilling tools), Jebel Ali Free Zone (JAFZA), Dubai – UAE
Job title : Manufacturing Engineer
Job Description :

- CAD/CAM engineering and CNC machines programming.
- Production planning and management according to QHSE standards.
- Participating in preparing/applying training plans and programs for our work team (Machine Operators) to achieve full qualification for them and to improve and develop their performance.

Dates : From Mar. 2007 till Feb. 2008
Employer : FORMING EGYPT Company (the company is a manufacturer of molds, dies, machines and machine elements), Al Agamy, Alexandria – Egypt
Job title : Manufacturing Engineer
Job Description :

- CAD/CAM engineering and CNC machines programming.
- Production planning and management.
- Participating in preparing/applying training plans and programs for our work team (Machine Operators) to achieve full qualification for them and to improve and develop their performance.

Dates : From Jul. 2006 till Mar. 2007
Employer : Alexandria National Company for metal forming ANBORG (the company is a leader in sheet metal forming works and steel fabrication works), Borg Al Arab Ind. Zone, Alexandria – Egypt
Job title : Production Engineer
Job Description :

- Production planning and management.
- Participating in preparing/applying training plans and programs for our work team (Machine Operators) to achieve full qualification for them and to improve and develop their performance.

Dates : From Dec. 2001 till Jul. 2006
Employer : Alexandria Company for Metal Works (the company is a manufacturer of stainless-steel products such as tableware and households), Km23 Alexandria-Cairo desert road, Alexandria – Egypt
Job title : Manufacturing Engineer
Job Description :

- CAD/CAM engineering and CNC machines programming.
- Production planning and management.
- Participating in preparing/applying training plans and programs for our work team (Machine Operators) to achieve full qualification for them and to improve and develop their performance.

Field of experience :

- Projects management works for Sea water RO desalination plants, Ultra Filtration Plants with capacity up to 10,000 m³/d (Design, Manufacturing, Installing, Test & Commissioning and operation & maintenance).
- Steam Turbine Power Plants - STG 265MW (Operation, start-up, test & Commissioning).
- Participation in preparing/applying Training plans and programs for our work team (Engineers - Technicians) to achieve full qualification for them and to improve and develop their performance. As well as participating in the preparation of courses, documents and tools necessary for training.

- Water & waste water projects (pipe lines - networks - pump stations - water tanks).
- CAD/CAM engineering and CNC machines programming.
- Production planning and management.
- Work in design/manufacturing environment.