

Holds a B. Sc. in Quality Control of Production and has about 18 years hands-on experience in managing and coordinating all technical and site needs.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 06/10/1982
Gender : Male
Marital Status : Married
Residence : Helwan, Cairo

EDUCATION

: B. Sc. in Quality Control of Production, Academy of Specialized Studies, Zagazig University, 2003

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Access, Power Point), Internet
: AutoCAD
: Primavera P6
: Auto Spool
: Pro-Structure
: Tekla Structure
: Solid Works 2016
: SAP 2000

TRAINING COURSES AND CERTIFICATIONS

: Industrial Engineering Courses:

- The Lifting Operations & Lifting Equipment Regulations (LOLER).
- Lift Planning.
- Subsea Lifting Operations.
- Winch and Pulling Operations.
- Equipment Certification.
- Rigging and Slings Stage 1.
- Gantry Cranes and Overhead Cranes.

- Crane FMEA, FAT and Commissioning.
 - Cranes (Onshore, Offshore and Marine).
 - Rigging Loft Management.
 - Crosby CEN ASME API Rigging Trainer Development Course.
 - Crosby Rigging and Slings Seminar.
 - Production Planning (Forecasting, Inventory Management).
 - Operation Research.
 - Quality Planning & Management and Quality Assurance.
 - API 570, 577, 578 & 574.
 - ASME B31.1, B16.5, Section IX & Section V.
 - Primavera.
 - (FE)Fundamental of engineer (Self Study).
 - PDMS (Self Study).
 - Industrial Safety.
 - Six Sigma Yellow Belt.
- : Manufacturing Engineering Courses:
- Simulation Modelling.
 - Manufacturing Processes (metal cutting, metal casting, welding and measurement).
 - Material Science.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Feb. 2021 till now
Employer : The Arab Contractors & Elsewedy Electric Joint Venture
Project : Julius Nyerere Hydropower Project
Job title : Planner / Specialist Lifting & Rigging
Job Description :

- Create and Submit Lifting Plans and Transportation Plans.
- Review lifting plan submitted from all subcontractors.
- Support other Projects Remotely such as (The Cairo Monorail Project, Layyah Combined Cycle Power Plant).
- Crane Selection.
- Assembly / Disassembly for Cranes.

Dates : From Aug. 2019 till Feb. 2021
Employer : PSP ELSEWEDY ELECTRIC POWER SYSTEM PROJECTS
Project : Mahmoudia 330MW Simple Cycle Power Plant
Job title : Planner / Specialist Lifting & Rigging
Job Description :

- Lifting Planner.
- Review lifting plan submitted from all subcontractors.
- Crane Selection.
- Assembly / Disassembly for Cranes.
- Lifting of the Superstructure 650t weight, for Overhead Crane for Maintenance purpose of turbines.

Dates : From Aug. 2018 till Feb. 2019
Employer : PSP ELSEWEDY ELECTRIC POWER SYSTEM PROJECTS
Project : Attaqa Power Plant

Job title : Planner / Specialist Lifting & Rigging

Job Description :

- Lifting Planner.
- Review lifting plan submitted from all subcontractors.
- Crane Selection.
- Created the Lifting Frame 13t Weight, to Lift the Main Girder for Gantry Crane Weight = 92t.

Dates : From Aug. 2016 till Feb. 2018

Employer : PSP ELSEWEDY ELECTRIC POWER SYSTEM PROJECTS

Project : BENI SUEF Power Plant 4x1200MW Combined Cycle POWER PLANT

Job title : Planner / Specialist Lifting & Rigging

Job Description :

- Lifting Planner.
- Review lifting plan submitted from all subcontractors.
- Crane Selection.
- Assembly / Disassembly for Cranes.

Dates : From Oct. 2015 till Aug. 2016

Employer : GS Engineering & Construction (GS E&C)

Project : Workshop "2nd Area" - 10th of Ramadan

Job title : Piping Engineer (Auto Spool Operator)

Job Description :

- Preparing as built for small bore, large bore and pipe support.
- Issuing Isometric from layout and P&ID.
- Material Take-off (MTO).
- Quantity Survey.

Dates : From 2013 till Oct. 2015

Employer : The Egyptian Germany Company (DSD FERROMETALCO)

Project : Factory "The Head Office"

Job title : T.O Engineer (Planner / Specialist Lifting & Rigging)

Job Description :

- Preparing and issuing steel structure as built drawings.
- Preparing and issuing the study of Lifting Plan consist for:
 - Pressure Vessel Total Weight is 66 tons (Normal lifting).
 - Pressure Vessel Total Weight is 87 tons (Normal lifting).
 - Tower Total weight is 310 tons (critical lifting).
 - Roof of Nitric acid Tank Total Weight is 22 Tons "Lifting One Shot".
 - Roof of Water Tank Total Weight is 120 Tons "Lifting Segment by Segment with King post".
 - Roof of Water Tank Total Weight is 120 Tons "Lifting One Shot".
 - Roof of Ammonia Tank Total Weight is 350 Tons "Lifting One Shot".
- Preparing and issuing the Transportation Sketch.
- Design and issuing the Shipping Frame Drawing.
- Quantity Survey.

Dates : From 2010 till 2013

Employer : The Egyptian Germany Company (DSD FERROMETALCO)

Project : Abu Qir Thermal Power Plant 2x650MW Gas / Mazout Fired Units

Job title : T.O Engineer (Planner / Specialist Lifting & Rigging)

Job Description :

- Preparing and issuing steel structure as built drawings.
- Quantity Survey.
- Preparing and issuing the study of Lifting Plan consist for:
 - From 10 tons to 50 tons (Normal lifting), I prepared 77 lifting plans.
 - More than 50 tons (critical lifting), Bechtel U.S.A, reviewing necessary prepared 15 lifting study.
- Preparing the material card.
- Preparing & checking the shop drawings part lists & bill of material.
- Following up the project fabricating and solving the technical problems.

Dates : From 2009 till 2010

Employer : The Egyptian Germany Company (DSD FERROMETALCO)

Project : El-Tebbin Thermal Power Plant 2x350MW Gas / Mazout Fired Units

Job title : T.O Engineer

Job Description :

- Issuing Layout & Erection drawings.
- Preparing as built for small bore, large bore and pipe support (Power Plants).
- Issuing Isometric from layout and P&ID.
- Material Take-off (MTO).
- Quantity Survey.

Dates : From 2008 till 2009

Employer : The Egyptian Germany Company (DSD FERROMETALCO)

Project : Factory "The Head Office"

Job title : T.O Engineer

Job Description :

- Studying the client basic drawings and preparing the material take off for the project.
- Preparing the 3D modeling for detailing using the Pro-steel program.
- Preparing layout, 3D view, single part and Assemble Drawing.

Dates : From 2004 till 2008

Employer : Nasr City for Trading and Contractors

Projects :

- Alkorain (1 Main Station, 3 Substations), Alshrqia
- Alazyzya (Water Treatment Station), Alshrqia
- Port Fouad (Waste Water Treatment Station), Port Said
- Arment (1 Main Station, 2 Substations), Luxor
- Albrageel (Waste Water Main Station), Giza

Job title : T.O Engineer

Job Description :

- Preparing the 3D modeling for detailing using the Pro-steel program.
- Preparing the shop drawings part lists & bill of material.
- Issuing Layout & Erection drawings.

Projects handled:

- POWER STATION (AGHADA – STAYTHARP – GREEN).
- NEW DOHA INTERNATIONAL AIRPORT (NDIA).
- El-Tebbin Thermal Power Plant, Scope: Fabrication and Erection for 2 Boilers (250MWx2).
- Abu Qir Thermal Power Plant, Scope: Fabrication and Erection for

- 2 Boilers (650MWx2).
- Gabal El-Zayt Wind Farm, Scope: Fabrication Manufacturing of 50 Tubular Steel Towers (G80-60M) 200MW - KFW Project.
- EthydcO Ethylene Project, Egypt, Scope: Fabrication Manufacturing of 12 tanks.
- Egyptian Propylene & Polypropylene Company (EPPC), Scope: Erection Lifting for:
 - Pressure Vessel Total Weight is 66 tons.
 - Pressure Vessel Total Weight is 87 tons.
 - Tower Total weight is 310 tons.
- Egypt Hydrocarbon Company Ammonium Nitrate Plant, Scope: Fabrication and Erection "Lifting with MAMMOET" Manufacturing of 4 tanks.
- Egyptian Refining Company (ERC) located in the Mostorod Petroleum Complex, Scope: Fabrication and Erection.
- BENI SUEF Power Plant 4x1200MW Combined Cycle POWER PLANT, Scope: Erection for 4x1200MW Combined Cycle POWER PLANT.
- THE UNITED REPUBLIC OF TANZANIA - TANZANIA ELECTRIC SUPPLY COMPANY LIMITED - PROJECT: Julius Nyerere Hydropower Project – JNHPP, Scope: Traveling Tower Cranes Selection for Powerhouse at level 95.3m (Upstream), and all lifting plans more than 10t.
- Layyah Combined Cycle Power Plant, Scope: Tower Cranes Selection, Define the Heavy Lifting subcontractor.

Responsibilities:

- Create a 3D model for Load and C.g location.
- Develop lifting proposals and alternative methods to achieve the highest level of safety and efficiency.
- Implement a lifting management system that consists in defining and creating procedures/plans for all kind of lifting, handling and transportation activities to be performed during the project.
- Ensure that lifting/handling/transportation equipment is chosen in compliance with Project standards and remains at all times in a good state of use.
- Set up regular inspection requirements and maintenance schedules and define specific procedures for implementation.
- Review system and standard of equipment maintenance (including suitability, effectiveness, and cost- effectiveness).
- Review system and standard of equipment inspection to comply with relevant regulations/standards.
- Launch frequent audits to ensure the lifting management system is respected and/or define action plan to update it in order to fit with project specifics.
- Create, implement and manage a robust recording and reporting system to ensure all risks induced by operations are recorded at all times and followed through with corrective actions.
- Review and perform calculations for all types of lifts backed by engineering drawings and calculations.
- Review and perform calculations for road transportation lashing.
- Provide risk assessment analysis in relation to health, safety & environment.

- Plan all critical and non-critical lifts operations methodology.
- Ensure physical supervision of all critical lifts.
- Assess personnel competence for handling and lifting operations.
- Identify skills requirements to perform lifting operations.
- Assess personnel competence and proposal for improvement of competence of personnel involved in handling and lifting operations.
- Train, coach and mentor personnel where necessary.
- Promote safe handling and lifting operation in compliance with company QHSE policy and international standards.
- Review & approve all critical lifting plans.
- Attend and Manage all Critical lifts (monitor and supervise).
- Perform condition and suitability checks on lifting appliances and CCU's.
- Evaluate utilization of lifting and handling equipment.
- Provide lifting and handling expertise and advise Company Site Representative.
- Ensure application, communication and understanding of handling and lifting procedures.
- Participate to all safety training as required.
- Adhere to all HSE requirements of the project.

Field of experience :

- Worked for major Clients: ANSALDO Caldaie, successfully handled Clients point for the site technical support.
- Good knowledge in preparing T.O. Documents/Drawings like Lifting Plan, TQR and other drawings.
- Achieved goal of bringing about heightened recognition of the benefits of Technical Support.
- Responsible for the receipt and recording of all incoming vendor data, its distribution within the office and to various sites.
- Effectively coordinated with Engineering & Procurement departments to check the requirements of T.O. and approvals, in order to avoid discrepancies.