

Holds a B. Sc. in Mechanical Power Engineering and has over 11 years hands-on experience, mainly working in technical office field.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 10/04/1987
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2009

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Microcontroller (PIC + AVR) at the Institute of Medical Research.
: ICDL (International Computer Driving License) at the American Institute A.L.I.
: AutoCAD (2D + 3D).
: C++ Language.
: Basic language.
: Primavera 6 at EAAC Center (Level 1).
: Primavera 6 at EAAC Center (Level 2).
: PROJECT MANAGEMENT PROFESSIONAL (PMP), ARABIAN ACADEMY FOR SCIENCE AND TECHNOLOGY.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jan. 2018 till now
Employer : JIANGSU NO.1 ELECTRIC POWER CONSTRUCTION COMPANY LIMITED (JEPCC1)

Project : Cairo West Supercritical Power Station - 1x650MW
Job title : Senior Project Engineer
Job Description :

- Preparing project progress documents.
- Preparing Marked P&ID and Start-up Scoping Matrix.
- Preparing Survey Sheets of Piping Supports and piping support material sheet & MTO's for purchasing purpose.
- Preparing Change Notices Technical Analysis.
- Preparing Project Schedule.
- Preparing Project Quantity Curves and Updating Project Progress.
- Preparing Progress Invoices.
- Preparing Project Official Correspondences.
- Review technical offers and follow up Engineering Progress.

Dates : From Dec. 2016 till Dec. 2017
Employer : TECHINT ENGINEERING & CONSTRUCTION
Project : SOUTH HELWAN SUPERCRITICAL POWER PLANT - 3x650MW
Job title : Senior Project Engineer
Job Description :

- Following up project drawings, as built and welding maps.
- Preparing project progress documents.
- Preparing Survey Sheet of Piping.
- Preparing Survey Sheet of Piping Supports and piping support material sheet.
- Preparing Marked P&ID.
- Preparing Hydro-Test Packages.
- Preparing Heavy Lift Study.
- Preparing RFIs - Document Transmittals - Change Requests.
- Leading Mechanical Activities.
- Assign Manpower to activities.
- Preparing Mechanical Activities Plans.

Dates : From Jan. 2016 till Nov. 2016
Employer : ORASCOM CONSTRUCTION INDUSTRIES EPC
Project : New Capital 4800MW Combined Cycle Power Plant Project (GAS TURBINE SGT5-8000H)
Job title : Mechanical Engineer Team Lead
Job Description :

- Engineering Scope:
 - Following up and reviewing project specifications.
 - Following up and reviewing project drawings.
 - Preparing Mechanical scope MTOs, BOQ, DOR, etc.
 - Following up Water Treatment Mechanical Package and Evaluation of Technical Offers.
 - Following up Compressed Air Mechanical Package and Evaluation of Technical Offers.
 - Following up Sump Pumps Mechanical Package and Evaluation of Technical Offers.
 - Following up Horizontal Pumps Mechanical Package and Evaluation of Technical Offers.
 - Following up Conical Strainer, Tank Accessories (Level Gauge-Floating Arm) and Compressed Air Drain Trap Mechanical Packages

- and Evaluation of Technical Offers.
- Preparing Piping, piping supports and piping Insulation MTO and evaluate technical offers.
- Witness in FAT test of all above Mechanical Packages.
- Project Field Scope:
 - Piping Construction Supervision Large, Small Bore and Piping Supports till Hydro-test and clearing punch items.
 - Following piping systems main steam, hot and cold reheat, feed water etc..... and clearing punch items through walk downs.
 - Construction of piping system in BOP Firefighting, compressed air, water treatment etc....
 - Mechanical Commissioning Engineer for all below Mechanical Systems.
 - Water Treatment Plant.
 - Compressed Air System.
 - Demineralized Water System.
 - Service Water System.
 - Potable – Hydro-Pneumatic System.
 - Fire Fighting System including commissioning and operation of fire pumps room and U/G network to deluge valves.

Dates	:	From Feb. 2015 till Dec. 2015
Employer	:	ORASCOM CONSTRUCTION INDUSTRIES EPC
Project	:	New Assiut EPC Power Project 8x125MW Simple Cycle Gas Turbines GE-Frame 9E
Job title	:	Senior Mechanical Engineer
Job Description	:	<ul style="list-style-type: none"> • Engineering Scope (from Feb. till Apr. 2015): <ul style="list-style-type: none"> - Following up and reviewing project specifications. - Following up and reviewing project drawings. - Preparing Mechanical scope MTOs, BOQ, DOR, etc. - Reviewing suppliers technical and commercial offers (Air Compressor – Hot Water Auxiliary Boiler – Heavy Fuel Oil Suction Heaters – Hydro-pneumatic tank – Lifting Station – Piping Thermal Insulation – Sump Pumps – Well Pumps – HFO Recirculation and Transfer Pumps). - Following up GE Piping materials and equipment MTO & Preparing POs for the whole MTO. - Reviewing engineering Documents (P&IDs, Piping Isometrics, GA and Layouts). • Project Field Scope (from May till Dec. 2015): <ul style="list-style-type: none"> - Preparing Heavy Lift Study. - Reviewing suppliers technical and commercial offers. - Mechanical Commissioning and Operation Engineer: Commissioning of BOP systems (pre-commissioning, commissioning, flushing and operation). - LDO (Liquid Distillate Oil) flushing for 8 GTs LDO System. - LDO Unloading and Filling Systems Flushing and Commissioning. - Lube Oil flushing for 8 GTs Lube oil system. - Preparation and assist for 8 GTs First Fire. - Compressed Air Package Testing and Air Blowing U/G & A/G Networks. - Water Cooled Air Compressors Commissioning and Operation.

- HFO (Heavy Fuel Oil) blowing and flushing for 8 GTs HFO System.
- HFO Recirculation and Transfer Pumps Commissioning.
- Hot Water System Flushing – HFO Suction Heater Flushing.
- Hot Water Auxiliary Boiler Commissioning and Operation.
- Demineralized Water System Commissioning and Flushing.
- Service Water System Commissioning and Flushing.
- Firefighting U/G Network Flushing.
- Firefighting System Flushing and Commissioning (Main and Auxiliary Transformers x 8 Units – Cooling and Foam Systems for Fuel Tanks – Firefighting System for MV SWGR BLDGS – GIS, Black Start Diesel Generator, DCS, Firefighting pump station commissioning and operation.

Dates : From Jul. 2014 till Jan. 2015

Employer : MEGA for Construction and Industries

Project : GIZA NORTH 1500MW COMBINED CYCLE POWER PROJECT

Job title : Senior Project Engineer

Job Description :

- Following up project drawings, as built and welding maps.
- Following up construction progress.
- Preparing project progress documents.
- Preparing construction progress invoicing payments-applying contract amendments-Planned monthly payments Vs Actual charts and curves.
- Preparing site change notes evaluation sheets.
- Preparing contract claims.
- Reviewing Project Scope according to project contract.
- Surveying Contract Unit Price Items Quantities (especially steel supports).
- Preparing Extra Work Site Instructions.
- Preparing Daily (Manpower - Fit up - Welding), Weekly and Monthly Reports.
- Preparing contractual official letters.
- Preparing contract items re-measure sheets.
- Following commissioning man-hours progress.
- Preparing Contractual Offers (excluded contract work scope).
- Following Entire Technical Office activities - Preparing RFIs - Document Transmittals - Change Requests (Acting as Technical Office Manager).

Dates : From Jan. 2014 till Jun. 2014

Employer : SHAMARA HOLDING GROUP IFC/METKA JV

Project : SHATT EL BASRA 1250MW POWER PLANT (Al Basra – IRAQ)

Job title : Mechanical Engineer

Job Description :

- Preparing Project Baseline Schedule L4-L3.
- Following up Activity Progress, Critical Activities using critical path method (CPM).
- Preparing Manpower Schedule and Histogram.
- Preparing Technical Reports (Daily Manpower Report, Weekly Reports, Monthly Reports, Letters, Transmittals, Manpower Histogram Curves...).
- Preparing Heavy Lift Schedule.
- Preparing Official Letters.

- Preparing S-Curve for the project breakdown.
- Following Mechanical Construction activities (Gas Turbine, Gen. Exhaust Stack, Air Filter.....).
- Following Piping System Progress.

Dates : From Jun. 2012 till Dec. 2013
Employer : MEGA for Construction & Industries
Project : Banha 750MW Combined Cycle Gas Turbine Units – Mechanical & Electrical Scope (CP-101) – EGYPT CTG Frame 9FA
Job title : Planning Engineer
Job Description :

- Preparing Contract Schedule CP-101.
- Following up Activity Progress, Critical Activities using critical path.
- Preparing Manpower Schedule.
- Preparing Technical Reports (Daily Manpower Report, Weekly Reports, Monthly Reports, Letters, Transmittals, Manpower Histogram Curves...).
- Preparing Heavy Lift Schedule.
- Preparing Method of statement & lifting plans for Heavy Lift.
- Follow up drawings, revisions, procedures and manuals.
- Preparing test packages.
- Preparing monthly breakdown progress invoices.
- Leading Mechanical Engineers and following up technical activities.
- Quantities surveying for contract items.

Dates : From Sep. 2011 till May 2012
Employer : MEGA for Construction & Industries
Job title : Mechanical Design Engineer / Mechanical Quantity Surveying Engineer
Job Description :

- EXTENSION OF QURRAYAT OPEN CYCLE POWER PLANT:
 - General Plant Layout Study.
 - Equipment Arrangement.
 - Primary Scope of work (Equipment arrangement, cable routing.....).
 - Preparing Project BOQ.
 - Quantity Surveying of Project Items.
- Makkah - Haram Shamiyah Project (Haram Expansion):
 - Applying mechanical design according to drawings.
 - Preparing Bill of Quantity according to approved design.
 - Converting 2D mechanical drawing into 3D modeling (CAD 2D-3D).
 - Following up site modification & applying modification to designed drawings.
 - Piping modifications & routing.
 - Quantity Surveying of Project Items.

Dates : From Jan. 2011 till Aug. 2011
Employer : MEGA for Construction & Industries
Project : 4x125MW Damietta Simple Cycle Gas Turbine (Fast Track Project) GT Frame 9E
Job title : Mechanical Planning Engineer
Job Description :

- Technical office duties.
- Letters & Transmittals (Official Documents) duties In & Out.
- As Built Drawings.

- Documentation duties (Preparing & Handing over).
- Planning for both fabrication and erection activities.
- Preparing progress S-Curve.
- Following up activities progress.
- Preparing piping test packages.
- Quantity surveying for mechanical & electrical BOQ.

Dates : From Nov. 2009 till Jan. 2011
Employer : PSC (Project Services Company)
Project : Sidi Krir Power Station 750MW Combined Cycle
Job title : Mechanical Construction Engineer
Job Description :

- Technical office and Material Control duties.
- Organize meetings & walk down with contractor & consultants.
- Erection & fitting (Site Resp.).
- Preparing MRR for material receiving.
- As Built Drawings.
- Clearing Punch items.
- Work orders & permissions duties.
- Documentation duties (Preparing & Handing over).