

Holds a B. Sc. in Mechanical Power Engineering and has over 16 years of hands-on experience in Power Plants, MEP Technical, Construction, Planning / Controlling and Commissioning in Egypt and Saudi Arabia. Dedicated to delivering high-quality results and effectively contributing to project goals with strong technical and managerial expertise.

PERSONAL DATA

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

EDUCATION

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

LANGUAGES

Arabic : Native Language
English : Very 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), Alexandria University.
: 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 Feb. 2025 till now
Employer : Coast Guard Facility
Project : NEOM OXAGON Area, KSA
Job title : Technical Manager

Dates : From Aug. 2021 till Feb. 2025
Employer : ORASCOM CONSTRUCTION
Project : Sharq El-Owynat Cold Storages (64 Ktons Seeds - 64 Ktons Raw - 6 Ktons Freezer) - Sharq El-Owynat Production Line, Egypt
Job title : Technical Manager

Dates : From Apr. 2019 till Jun. 2021
Employer : CHINA ENERGY
Project : Cairo West Supercritical Power Station 1x650MW CP-118
Job title : Mechanical Lead Engineer

Dates : From Jan. 2018 till Mar. 2019
Employer : TECHINT ENGINEERING & CONSTRUCTION
Project : SOUTH HELWAN SUPERCRITICAL POWER PLANT – 3x650MW
Job title : Lead Mechanical Engineer

Dates : From Jan. 2016 till Dec. 2017
Employer : ORASCOM CONSTRUCTION
Project : New Capital 4800MW Combined Cycle Power Plant Project (GAS TURBINE SGT5-8000H)
Job title : Mechanical Team Leader
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 – GE
Project	:	New Assiut EPC Power Project 8x125MW Simple Cycle Gas Turbines GE-Frame 9E
Job title	:	Senior Mechanical Engineer
Job Description	:	• Engineering Scope (from Feb. till Apr. 2015): - 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): - 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 Jan. 2014 till Dec. 2014
Employer : SHAMARA HOLDING GROUP IFC/METKA JV
Project : SHATT EL BASRA 1250MW POWER PLANT (Al Basra – IRAQ)
Job title : Senior 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 Sep. 2011 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 : Mechanical 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 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 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 Dec. 2010

Employer : PSC (Project Services Company)

Project : Sidi Krir Power Station 750MW Combined Cycle

Job title : Mechanical Site 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).

Field of experience :

- Technical documentation.
- Engineering standards compliance.
- Technical troubleshooting.
- Leadership.
- Supervision.