

Holds a B. Sc. in Mechanical Power Engineering and has over 4 years hands-on experience working in construction and technical office.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 27/05/1992
Gender : Male
Marital Status : Single
Residence : Giza, Cairo

EDUCATION

: B. Sc. in Mechanical Power Engineering, Helwan University, 2014

LANGUAGES

Arabic : Native Language
English : Excellent

COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet
: AutoCAD – Elite Firefighting - Solid Works

TRAINING COURSES AND CERTIFICATIONS

: Firefighting Systems Design & Construction (TYCO Company).
: Power Plant Equipment, systems theory and application (CEPC).
: Fundamentals of water and waste treatment for industrial plants (CEPC).
: Project Management (quality – HSE – Procurement – Planning – Contract administration) (PGESCo.).
: Pipelines Inspection & Testing (Construction compliance check – pressure testing) (PGESCo.).
: Welding & welding inspection (WPS, PQR – VT – PT – RT) (PGESCo.).
: Rotary Equipment (Maintenance, operation and troubleshooting) (CEPC).
: Steam Generator & Auxiliaries (AC Boiler – Milan – Italy).
: Control Valves Operation & Maintenance, PARCOL – Italy.
: Safety Valves Calibration and Maintenance, AC Boiler – BHGE.

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2017 till now
Employer : CEPC
Project : Cairo West Supercritical Power Plant (1x650MW) Oil & Gas Fired
Job title : Project Mechanical Engineer (Mech. Completion, QC & Commissioning)
Job Description :

- Review of contraction documents of mechanical systems (steam generator unit and its auxiliaries like fans and pumps, heat exchangers, underground/ aboveground pipeline network, oil & water storage tanks, water treatment plant, compressed air and firefighting systems) during the early work phase and construction phase to determine the technical specification, required quality and the scope of work for each contractor.
- Review designs, method of statements, P&IDs, data sheets and drawings submitted by vendors, equipment manufacturers and contractors and prepare comments to discuss with project consultant and main contractor.
- Review and approve contractors supplied material ensuring its compliance with contract requirements, codes and standards.
- Follow up and supervise installation works ensuring its compliance with the required scope, health and safety rules and determine progress percentage.
- Coordinate efficiently with different project parties to start and complete any required activity.
- Perform site inspections and tests (hydrostatic, leak and pneumatic tests, welding inspections, dimensional check, rotary equipment alignment, functional test of equipment and valves, run tests,etc.) in accordance with Project specification, manufacturer manuals, and Codes requirements (ASME, API, NFPA...etc.).
- Prepare and submit clear mechanical completion reports, inspection and test records and punch lists.

Dates : From Jun. 2016 till Jun. 2017
Employer : Triangle Group for Heavy Equipment
Job title : Technical Office Engineer
Job Description :

- Prepare parts lists and offers for diesel generator sets according to manufacturer instruction increasing company sales and clients satisfaction.
- Increase the performance of workshop by supporting with parts identification documents.
- Build up suitable stock of spare parts according to technical and commercial studies.

Skills:

- Welding & welding Inspections.
- Pipeline systems construction and quality assurance.
- Rotary Equipment installation & commissioning.
- Able to coordinate required activities starting and completion efficiently with my team and different parties.
- Able to initiate, manage and apply required quality control plans

efficiently.

- Design and Construction of Firefighting systems according to NFPA Code.
- Commissioning & Performance Evaluation for completed mechanical systems.