

102733-MEC-1COS-E-2003
Commissioning, Operation & Start-up Engineer

Holds a B. Sc. in Mechanical Production & Design Engineering and has about 15 years hands-on experience, including 9 years working in operation, commissioning and start-up at Power Plants.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 19/08/1976
Gender : Male
Marital Status : Married
Residence : Assiut

EDUCATION

: B. Sc. in Mechanical Production & Design Engineering, El-Minia University, 2003

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

- : Training at Assiut Performing Petroleum Company for simulation of industrial processes using computer simulation software and I&C maintenance and has attended training on the key tasks of occupational safety engineering (from Jul. till Sep. 1999).
- : Trainings at High Trade Group (Nov. 2013):
 - 30 hours Occupational Safety and Health training course in OSHA GENERAL INDUSTRY SAFETY & HEALTH (29 CFR 1910).
 - 30 hours Occupational Safety and Health training course in OSHA CONSTRUCTION INDUSTRY SAFETY & HEALTH (29 CFR 1926).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jul. 2014 till now
Employer : Hitachi Plant Technologies
Project : BANHA COMBINED POWER PLANT 750MW
Job title : Commissioning, Operation & Start-up Engineer

- Job Description** : • Commissioning for CP-109 equipments (CWP, BFWP, CP.....).
• Make motor solo test, water flushing and oil flushing for different systems.
• Good command with DCS (YOKOGAWA SYSTEM).
• Make steam blowing for steam lines (Main steam, CR, HR, ...).
- Dates** : From Jan. 2015 till Aug. 2015
Project : Attaka Thermal Power Plant (Siemens) (gas turbine)
Job title : Operation & Commissioning Engineer
- Dates** : From Jan. 2009
Project : Assiut Thermal Power Plant (2x312MW)
Job title : Operation Engineer
Job Description : • Start-up and shut-down procedures for thermal power plant 2x312MW (Cold, Warm, and Hot Start-up and normal or emergency shut-down).
• Turbine & auxiliaries operation (Toshiba & Ansaldo). And reporting the equipment condition during normal operation.
• Boiler & auxiliaries operation (Mitsubishi & Ansaldo) and reporting the equipment condition during normal operation.
• Good working knowledge of fire fighting system (water system, foam system and dry powder system locally and alarms control panel).
- Employer** : Arab Steel Fabrication Company (El-Sewedy)
Job title : Production Engineer
- Employer** : DAMCO COMPANY
Job title : Production Engineer & manufacturing of capital equipment
- Employer** : KAHROMIKA
Job title : Production Engineer & QC Engineer
- Employer** : Nubaria Sugar Factory
Job title : Production Engineer
Job Description : Unit fabrication: support structure, Cyclone, main frame and steel furnace.
- Employer** : Fayoum Sugar Factory
Job title : Production Engineer
Job Description : Unit fabrication: support structure, Cyclone, main frame and steel furnace.
- Project** : El-Kureimat Power Station
Job title : QC & Welding Engineer
- Field of experience** : • Duties and Responsibilities as Production Engineer:
- Receiving the Work Drawing from technical Office and Assurance Possibility Fabrication.
- Prepare dimensions, process machining items and welding

- Procedures Specification.
- Check the Material and Assurance if the materials suitable for fabrication.
- Working good following and observation for fabrication process (Marking, cutting, Assembling, welding and finishing).
- Solving the problems of punch lists with consulting team.
- Make daily reports illustrate the progress in fabrication process.
- Visual inspection for the welding.
- Co-ordinate all QC Activity.
- Reporting and Handling to the Client.
- Duties and Responsibilities as QC:
 - Inspection:
 - Prepare Inspection Checklist for mechanical items.
 - Prepare dimensions Check report for machining items.
 - Prepare QC Plan.
 - Prepare N.D.T. Map & Shooting List for Pressure Vessel & Piping.
 - Prepare manufacture Data Book for Pressure Vessel.
 - Prepare pre-inspection meeting before fabrication.
 - Prepare Final Documentation of Test Package for Piping & Tanks.
 - Co-ordinate all QC Activity.
 - Reporting and Handling to the Client.
 - Quality Assurance:
 - Study technical Specification and Code requirement for new projects.
 - Review Quality Plane during the construction.
 - Assisted in the document QA Manual and necessary preparation steps.
 - Review all Calibration for QC and Fabrication tools.
 - Review all method statement which prepared by Construction Eng.
- Experience in using the following Codes & Standards: ASME Sec. IX, ASME Sec. II, ASIC, AWS D1.1.