

# 107331-MEC-4CFQS-E-2017

## Commissioning Engineer

Holds a B. Sc. in Mechanical Power Engineering and has over 3 years hands-on experience working as Commissioning Engineer, QC Piping Engineer, NDT Inspector and Firefighting Engineer.

### PERSONAL DATA

Nationality : Egyptian  
Gender : Male  
Residence : El-Behira

### EDUCATION

: B. Sc. in Mechanical Power Engineering, Alexandria University, 2017

### LANGUAGES

Arabic : Native Language  
English : Very Good

### COMPUTER SKILLS

: Windows, MS Office (Word, Excel, Power Point), Internet  
: AutoCAD, Elite, HAP

### TRAINING COURSES AND CERTIFICATIONS

- : Qualified and certified from Oil & Gas Skills Company (OGS – Alex.) in:
  - Pumps (operation, selection, troubleshooting and maintenance).
  - Gas compressors (operation, selection, troubleshooting and maintenance).
  - Gas turbine (types, axial comp. operation and combustion chamber types).
  - Vibration monitoring and analysis for turbo machinery protection system.
  - Machine alignment types, alignment methods (dial / laser indicator) and balancing.
- : PTW training with 88% degree (receiving authority).
- : LOTO training.
- : ASME (IX, B31.3, B31.1).
- : Welding technology and Metallurgy.
- : Certified and qualified for NDE level II Inspector according to ASNT specifications (SNT - TC – 1A) in following methods:
  - Visual test (VT).
  - Liquid penetration test (PT).

- Magnetic particles test (MT).
- Ultrasonic test (UT).
- Radiographic test (RT).
- : Air conditioning (online):
  - Fundamentals.
  - (Piping & duct) design.
  - Air conditioning sys.
- : Firefighting (online):
  - Sprinklers system & Hose sys.
  - Piping and fitting.
  - Zone control valve.
  - Hydraulic calculations.

## CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From Jan. 2019 till now
- Employer** : GS Engineering & Construction
- Project** : ERC (Egyptian Refinery Company Project), Cairo
- Job title** : Commissioning Engineer
- Job Description** :
- Prepare and witness for daily work permits and its execution (rec. authority).
  - Following start-up for boiler, steam turbine, cooling tower, WWT and DW units.
  - Follow chemicals and media Loading and watch equipment levels.
  - Preparation for solo run, MRT, leak test in the plant either internally or officially.
  - Prepare sub-sys. and PKGs documentation to be printed and signed.
  - Initiate LOTO system.
  - Check and perform Reinstatement packages.
  - Follow flushing for pumps, pipe lines, compressors and drums.
  - Knowing well commissioning and normal operation for DW unit (sand & A/C filters, condensate polisher and DAF system).
  - Knowing well commissioning and normal operation for boilers (boiler firing, soda boiling, steam drum monitoring, continuous BD, oxygen scavenger).
  - Familiar with normal operation stage in utility area.
  - Familiar with process flow diagram (pfd) relevant engineering standards.

- Dates** : From Jul. 2017 till Dec. 2018
- Employer** : ARGUS Co. LTD
- Project** : ERC Refining Mostorod Project, Cairo
- Job title** : QC Piping Engineer
- Job Description** :
- Visual inspection after & during and before welding process.
  - Prepare and follow up heat treatment process.
  - Follow and revise some of NDE methods (PMI, FE, HD, MT and PT).
  - Check bill of materials.
  - Interpret engineering drawings like piping layout drawings, ISO drawings and piping & instrumentation diagram (P&ID).

- Familiar with pipeline purging, pipeline and equipment evacuation, vessels preparation with an inert gas (nitrogen).

**Dates** : From May 2017 till Jun. 2017  
**Employer** : Inspecta Middle East Office  
**Project** : Alex. Carbon Black Company  
**Job title** : NDE Technician  
**Job Description** :

- Execute some NDE methods like: PT, UT and MT.
- Vacuum testing.
- Ferrite testing (FT).

**Dates** : From Jun. 2016 till Oct. 2016  
**Employer** : Eng. Osama Nagy Consulting & Execution Office  
**Project** : 6th of October City at Cairo  
**Job title** : Firefighting Engineer  
**Job Description** :

- Design networks and zone distribution.
- Calculate pump power and hyd. Calculations.
- Distribute sprinklers and branches.