

Holds a Mechanical Diploma and has over 15 years experience in oil and gas, petrochemical and fertilizers industries as a Static Equipment Supervisor. Shared in all aspects of static maintenance, turnarounds and pre-commissioning, commissioning and start phases.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 05/05/1977
Gender : Male
Marital Status : Married
Residence : Alexandria

EDUCATION

: High School Diploma in Mechanical Engineering

LANGUAGES

Arabic : Native Language
English : Good

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: LOTO & Work Permit system Course.
: H2S Awareness Course.
: HI-FORCE (Bolt Tensioning Course) training.
: Flange management training.
: Air blowing.
: Hydro test and pneumatic test.
: Heat exchanger maintenance.
: Tower internal maintenance.
: Hazard identification.
: Safe scaffolding.

CHRONOLOGICAL EXPERIENCE RECORD

- Dates** : From 2017 till now
- Employer** : GS E&C
- Project** : Egyptian Refinery Company (ERC) Project
- Job title** : Mechanical Supervisor on DHT, NHT, Reformer, CCR, DCU and Flare units
- Job Description** :
- Pre-Commissioning, Commissioning, Start -up and Normal Operation maintenance for the Plant.
 - Responsible to lead a team for preparation the process areas for different pre-commissioning activities as follow:
 - Responsible to submit the activities in satisfaction manner after completed to QC team.
 - Supervise all pre-commissioning activities on daily basis as per work instructions.
 - Assign the tasks for team individuals with considering the personnel capabilities and allocate clear responsibility and authority.
 - Communicate with the team to resolve any deficiencies during preceding the tasks. Preparing the material, visually inspect the gears (PPE, slings, connections, block chain).
 - Conduct TBT to identify the hazards controls with the team before commence the activities.
 - Supervise the lifting activities as per lifting plan to avoid any damage.
 - Implementing different tasks as per isometric drawing and marked P&ID.
 - Pre-commissioning / commissioning activities:
 - Flange management from material preparation (face to face, raised face, RTG, spider ring socket until job completion and handover to QC team).
 - Making Hydro test for all trim valves & lines in DCU & NHT, DHT.
 - Making Air blowing for all underground fire water system & all lines in DHT.
 - Leak test for all utilities and process systems.
 - Making pneumatic test for 68" flare line then start-up for flare unit.
 - Dry out (Heaters and reactors).
 - Preparing for chemical cleaning activities and coordinating with the subcontractor to complete the job safely and efficiently.
 - MRT (Pumps and compressors).
 - Preparation and punch clearing of all equipment inspected by the licensor (AXENS):
 - ❖ Blind installation.
 - ❖ Open man ways.
 - ❖ Install blower for ventilation if required.
 - ❖ Install trays & tighten.
 - ❖ Close trays manholes.
 - ❖ Install distributor like in towers.
 - ❖ Reclose & tighten after inspection accepted.
 - Mechanical running test for all pumps include the following:
 - ❖ Preparation.

- ❖ Line up connections / valves.
- ❖ Prepare the system (closed cycle).
- ❖ Strainer cleaning.

- Dates** : From 2004 till 2017
- Employer** : Alexandria Petroleum Maintenance Company (Petromaint)
- Job title** : Mechanical Technician
- Job Description** :
- During 13 years working with Petromaint, I have shared in the maintenance activities for several companies in the oil and gas, petrochemical and fertilizers fields.
 - The main companies I have worked in are:
 - MIDOR Refinery.
 - Alexandria Petroleum Company.
 - AMOC Company.
 - E-LAB Company.
 - PHARONIA HABI Plant.
 - EPIC Company.
 - ALEX Fertilizer Company.
 - MOBCO Fertilizer Company.
 - Oriental Petrochemicals Company.
 - POLYPROPELYENE Company.
 - EGYPTIAN Fertilizer Company.
 - HELWAN Fertilizer Company.
 - Alex Fertilizer Company.
 - Wide experience about the maintenance of all static equipment including all modification at site for the following units:
 - Crude & Vacuum distillation Unit.
 - Hydrocrack Unit.
 - Hydrogen Unit.
 - Sulphur plant & Tail gas Unit.
 - Catalyst Reforming Unit.
 - Cocker Unit.
 - Utilities Unit.
 - Ammonia Unit
 - Urea Unit.
 - Hydro Treating Units.
 - Compressor House.
 - Continuous Catalyst Regeneration (CCR).
 - Shared in the Flange management activities by Bolt tensioning using Hydraulic Torqueing machine with Hi Force, EGTORQUE and FURMANITE companies.
 - Wide experience and knowledge about static equipment installation and maintenance:
 - Vessels: Inspection & maintenance.
 - Reactor: Installation Internals, Inspection, Replace Catalyst for Beds.
 - Air cooler heat exchanger:
 - ❖ Cleaning bundle tubes by jet pump.

- ❖ Make hydro-test.
- ❖ Plugging leaked tubes.
- ❖ Bolt tightening for header plugs.
- ❖ Alignment check for motor pulley & wheel.
- ❖ Check pitch angle, tip clearance and actuator.
- ❖ Belt tension force check & replacement if need.
- Valves: Maintenance for all valves type:
 - ❖ Dismantle for check and repair.
 - ❖ Replace packing for valves.
 - ❖ Hydro test according to data sheet.
- Towers:
 - ❖ Check on tower trays.
 - ❖ Repair segments of damaged trays and re-install it for various kinds of trays.
 - ❖ Check on valves of trays and replace it if required.
 - ❖ Change packing of vacuum tower.
 - ❖ Check and maintenance for distributors.
- Steam traps, steam tracing:
 - ❖ Check Steam Traps.
 - ❖ Replace Disc if needed.
 - ❖ Repair Steam Tracing Leakage.
- Blowers & Fans:
 - ❖ Repair Expansion Joint for Forced Draft Fan.
 - ❖ Check & Repair Dampers.
 - ❖ Check & Repair Manual Stack Damper.
- Shell & Tube Heat Exchangers:
 - ❖ Install blinds at shell and tube.
 - ❖ Remove covers using block chain.
 - ❖ Cleaning the bundle using jet pump.
 - ❖ Performing shell & tube test then plugging leaked tubes.

Field of experience : Actively participate in many companies during their general plant turnarounds in oil and gas plants, petrochemicals and fertilizer plants and this give me wide experience in maintenance activities in all static equipment.