

MOHAMED ABD ELLATIF FAHIM

Senior Mechanical Engineer Jubail | 0564379920 | mabdelatif17@gmail.com

PROFESSIONAL SUMMARY

- Senior Mechanical engineer manage or supervise teams of other engineers. They use their project management skills to help teams achieve project goals and deliverables. These skills help them create work schedules and delegate tasks to team members to meet project deadlines.
- Bring +10 years of experience in engineering, and a bachelor's degree in mechanical engineering, and achieved projects.
- Ensure compliance with local mechanical codes and regulations.
- Lead and motivate a team of mechanical technicians and support staff.

EXPERIENCE

02/2024 to Current

Senior Mechanical Consultant Engineer

Drwazah Engineering Consultant

- Review calculation of HVAC Design – Firefighting calculation – Plumbing calculation.
- Review and approve the shop drawings.
- Review the schedule and ensure completion rates according to the approved schedule.
- Inspect and approve the materials provided by the contractor before starting work, and ensure that the required quantities are provided according to the same specifications as the approved samples.
- Review and approve method of statement.
- Review bill of quantity and methods of measurement.
- Review and approve site test procedure.
- Supervision of installing and giving correct technical instructions according to approved drawings.
- Inspecting and receiving the executed works according to the approved drawings.

05/2023 to 01/2024

Senior Mechanical Engineer

Acciona, Saudi Water Authority - Saudi Arabia

- Review and interpret mechanical engineering drawings and specifications
- Supervise the on-site installation of mechanical system and equipment
- Conduct systematic inspections to ensure the quality and safety of mechanical installations

- Supervise preliminary alignment for rotating equipment by use Face Rim
- Method
- Supervise final alignment for rotating equipment by use reverse method and checkup pipe stress
- Attend Meetings and Go On-Site Walks
- Oversee preventive and corrective maintenance activities.

02/2020 to 04/2023 Mechanical project engineer

ECS -Energy and Contracting Solutions - Cairo, Egypt

- Review calculation of HVAC Design - Firefighting calculation - Plumbing calculation
- Installation HVAC equipment as (high well split - concealed unit - chiller - AHU)
- Installation underground fire pipes (HDPE) and fire pump room
- Installation Fire Alarm systems
- Installation of plumbing fixtures
- Potable water system installation
- Hot water piping system.

02/2017 to 01/2020 Mechanical Construction & Maintenance Engineer

Chemical Seed Company - Dumyat, Egypt

- Potassium sulfate CHEMICAL PROJECT
- Responsibilities:
- Installation for furnace agitator parts as drawings
- Installation for feeding system as belt conveyor, gearbox and pipeline feeding
- Installation for rotating equipment pumps, compressor and blower
- Procedure GRP PIPE according isometric drawing
- Testing and pre-commissioning for all equipment

01/2016 to 06/2016 Maintenance Engineer

PowerHouse Company

01/2014 to 08/2015 Operations Engineer

Halliburton, Ras shoukir - Egypt

- Predictive maintenance for centrifugal pump, generator and plunger pump
- Skills replacement for seals and bearing for centrifugal pump
- Make alignment using dial gauge
- Make technical report for generator including oil and filter and make daily checklist
- Egypt
- Pumping cement to install casing in hole
- Make checklist for pump
- Make checklist for diesel generator.

EDUCATION & COURSES

July 2013

Bachelor of Engineering: Mechanical Engineering Department

Mansoura University

Faculty of Engineering, Graduation Project: The effecting of changing Freon in power saving by using two types of Freon"

HVAC- hap program.Fire Fighting system design - Elite software.AutoCAD program.Duct sizer program

Microsoft office

LANGUAGES

