

# CURRICULUM VITAE

➤ **Sameh Mohammed El-Maghawry.**

➤ **Mechanical Engineer.**

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## **Profile:**

Knowledgeable mechanical site & technical engineer with 9 years of experience and a proven track record to handle large-scale projects. I can manage a team effectively and ensure everyone is working in a productive, safe manner. Planning skills that allow me to come in for the projects I have worked on in the past. Skilled in using the latest technology to develop comprehensive blueprints for projects.

## **Education:**

- **Bachelor Degree in Mechanical power Engineering.**
  - From Mansoura University, June 2010.
- **Graduation project:**
  - Title: HVAC
  - Project grade: Very Good.

## **Work Experience:**

### **Present position:**

- **Company name :** Al-Bunya Shield contracting company
- **Project:** Extension of bilateral of Safwa sewage treatment plant.
- **Project main contractor:** Al- ohadieh contracting company.
- **Position:** Technical & Site Mechanical Engineer < April 2017– till now >
- **Project details:**
  - Secondary & tertiary treatment plant.
  - 2 phases, Peak Capacity : 90,000 m<sup>3</sup>/day
  - Average capacity: 60,000 m<sup>3</sup>/day
  - Treatment method: activated sludge system.
- **Responsibilities:**
  - Finishing technical approvals & site installations & test works for the following equipment according to project specs and approved shop drawing:-
    - Clarifiers, Thickeners, Surface Aerators.
    - Manual & electrical penstocks & weirs.
    - Technical approval & installation for (2) Screw Pumps with diameter 1550mm.
    - Technical approval & installation works for centrifugal & booster pumps.
    - Technical approval for mechanical Belt Press machines & polymer system.
    - Technical approval for chlorination system, Air compressors.

- Technical approval & installation works for Sand filter backwashing system.
- Technical approval & installation works for mechanical screens, Sand Classifiers & sand removal System.
- Technical approval for odor Control System, Overhead cranes & manual Cranes.
- Technical approval & installation works for aeration tank air flow boosters & Mixers.
- Installation works for submersible water pumping station.
- Installation works for submersible sludge pumping station.
- Installation works for horizontal sludge pumping station.
- Technical approval for project instrumentation (flow meters, Parshall Flumes, ultra sonic level sensors, pressure transmitter, dissolved oxygen analyzer)
- Contacting and negotiating with vendors for mechanical equipment approval and supply.
- Designing project drain network and making profiles and surveying sheets for all pipelines.
- Installation of GRP & GRE & Ductile pipes.
- Leading mechanical team, and ensure work goals are met every day of a project.
- Prepare Shop drawings for all mechanical systems to meet project specs.
  - Submitted progress reports throughout a job so owners always stayed in the loop.
- Prepare technical documents and ensure that the work was carried on according to the approved shop drawings and specs.
- Scheduled the work in accordance to the project timeline and ensured that all the deadlines were met.

### Previous Experience:

#### HVAC maintenance engineer in (AL-AMAL Complex for Mental Health -Riyadh) < April 2016 – April 2017>

##### My responsibilities AS Mechanical Engineer included: -

- Troubleshoot HVAC system when it began to malfunction.
- Periodic maintenance for HVAC devices.
- Maintenance works for air handling units and chillers.
- Protective maintenance for HVAC systems.

#### ➤ Works at AL-Aseel pasta group company – EGYPT.

#### Mechanical maintenance Engineer at Al- Aseel Group Company. < August 2012 – January2016 >

- Maintenance works and troubleshooting for different mechanical machines.
- Maintenance works and troubleshooting for different types of pumps (positive displacement & centrifugal).
- Maintenance works and troubleshooting for hydraulic and pneumatic circuits.
- Maintenance works for electric motors for hydraulic and pneumatic valves
- Maintenance work and troubleshooting for air conditioning systems & chillers & compressors and boilers.
- Maintenance works for pasta production lines.

### Training:

- Training in Workshops at Faculty of Engineering Mansoura University (2006).
- Training in Talkha electrical power station (2007).
- Engineering summer training program, Burullus Gas Company (2008)
- Talkha Fertilizer plant (2009).

- 6 months training in modern hydraulic company working in hydraulic equipment maintenance such as (concrete pumps & concrete track mixers and pumps).
- Training in Industrial Training Council (ITC) (2010).

## Courses:

- AutoCAD 2D certificate, Mansoura University, scientific computer center (excellent grade).
- HVAC certificate, Course in design & Supervision of central air conditioning.
- HAP (central air conditioning system design program).
- Firefighting system design (excellent grade).
- Elite firefighting design course.
- ICDL certificate, Mansoura University (Scientific Computer Center).

## Computer skills:

- Excellent in using Internet.
- Excellent in using Microsoft windows different versions.
- AutoCAD (2D).
- Good in using Microsoft Office (Word, PowerPoint & Excel).
- Excellent in using Internet.
- Hardware and Software Maintenance.
- Excellent typing speed (Arabic & English).

## PERSONAL INFORMATION:

- **Nationality** : Egyptian.
- **Date of Birth** : 15<sup>th</sup> November 1987
- **Marital status** : Married
- **Religion** : Muslim
- **Iqama Profession** : Mechanical Engineer.

## Contacts:

- **Address** : Damman– Saudi Arabia
- **Email address** : smaghawry@gmail.com
- **Mobil number** : (+966)544230890

## Other information:

- **Driving License** : Valid Saudi driving license.
- **Iqama status** : Transferable.
- **Membership** : Egyptian Engineers Syndicate.  
: Saudi Arabia Council of Engineering.

## Language:

- **Arabic:** ██████████
- **English:** ████████