

# AHMED ATWA, Civil Engineer

🏠 Makkah, Ksa

☎ +966-546516635 & +201092216022

✉ AHMED.AT2019@YAHOO.COM

A highly motivated Civil Engineer with expertise in infrastructure projects, including water and sewage networks. Possesses strong project management skills with a focus on planning, execution, and problem-solving. Seeking to contribute technical knowledge and leadership to deliver high-quality infrastructure solutions. Excited to begin a new challenge with a successful team.

## Experiences:

**SAUDI PAN KINGDOM COMPANY (SAPAC)**

**NOVEMBER.2023 – Present”**

**AL MANAR PROJECT MAKKAH.KSA**

**(ROSHIN GROUP-PFI)**

Senior Infrastructure Engineer.

Project Discretion: Sewage networks diameters from 160 mm to 1100 mm with total length of 62.5 km of pipes (Upvc + Vc + Grp) & Drainage networks diameters from 160 mm to 1300 mm with total length of 52 km of pipes (Upvc + Concrete )+(800 Catch basin) + (30 Oil Separators Room) & Water supply networks diameters from 32 mm to 600 mm, with total length of 48 km of pipes (high density polyethylene + cast iron ) + ( 299 Valves) + ( 300 Fire Hydrant).

### Duties :

- Prepare and coeffects the infrastructure learned lessons.
- Review all Infrastructure activities.
- Assist the construction manager in establishing and developing the project procedures.
- keep all related parties informed of project updates and make sure information is shared and coordinated with all disciplines.
- Check monthly invoices and assigned quantities.
- Ensure site materials are being stored properly in a safe manner.
- Monitor project progress.
- Take immediate corrective actions to avoid any cumulative effect of deviation and recover the delay to finish the tasks according to the deadlines.
- Perform other duties as assigned by the line manager.
- Providing technical advice and solving problems on site.
- Ensure life and safety procedures are observed at the construction site.
- Ensure possible project change orders are well-implemented and coordinated with other engineering-related disciplines.

**ROWAD MODERN ENGINEERING EGYPT**

**MAY. 2023 - OCT.2023**

Senior Infrastructure Engineer.

### Project Discretion:

Residential compound project on the North Coast Extension of sewage lines, diameter 600&500 Water lines, diameter 250 and 160. Irrigation lines, diameter 110

Various diameter valves and fire hydrants.

IN Addition To Valve Chambers.

### Duties :

- Read, understand and implement the drawings.
- Coordination between sub-contractors and calculating bills of quantities.

- Ensured that the construction project is completed on time and within budget.
- Presented construction project progress updates to senior managers.
- Management of the technical aspects of design, procurement, implementation and close-out in accordance with the program.
- Review instructions for the consultants and contractors and obtain Project Director and the client's approval to be issued to the parties concerned.
- Identifies priorities and tasks and develops the organization structure to assure execution of tasks, by providing clear direction on methods, time frame and schedule to achieve the stated goals.
- Ensure that project operations are following design specifications and with Local Authority and Government policies and regulations.

**SAMCRETE (ENGINEERING & CONTRACTORS) SE&C**

**FEB. 2022 - OCT. 2023**

***New Capital Administration-MOSTAKBEL CITY***

QUALITY CONTROL Engineer

Project Discretion: Sewage networks diameters from 160 mm to 3200mm with total length of 250 km of pipes ( Upvc+ high density polyethylene+ reinforced concrete+ cast iron+ Grp ) & Rainwater drainage networks diameters from 160 mm to 200 mm with total length of 50 km of pipes ( Upvc) & Water supply networks diameters from 32 mm to 1200 mm, with total length of 200 km of pipes ( Upvc+ high density polyethylene+ cast iron ) & Water irrigation networks diameters from 75 mm to 200mm with total length of 150 km of pipes ( high density polyethylene) & fire networks diameters from 160 mm to 200mm with total length of 100 km of pipes ( high density polyethylene).

**Duties:**

- Contributed technical expertise to project drawings and designs.
- Prepared work schedules in collaboration with the project manager.
- Provide comprehensive day-to-day field supervision at the site.
- ensure all construction is being performed to quality standards in compliance with design specifications, drawings, budget and schedule.
- Advise and instruct the contractors before the execution of work, support and respond to inquiries, and suggest and provide solutions to site-related issues.
- Supervise and approve of concrete pouring, attend the required tests, approve their results, and ensure the quality of the civil works and the concrete casting procedures.
- Promote proper documentation of site-implemented works.
- Review and approve all types of project quality documents such as shop drawings, materials, qualification documents, site inspections, tests, method of statements, etc...
- Ensure possible project change orders are well-implemented and coordinated with other engineering-related disciplines.
- Review and approval of structural shop drawings and structural design review received from the contractors and subcontractors.

**THE PETROLEUM PROJECTS&TECHNICAL CONSULTATIONS CO (PETROJET COMPANY)**

**OCT. 2018 - JAN. 2022**

Site Engineer.

Project Discretion: Sewage networks diameters from 160 mm to 3200mm with total length of 250 km of pipes ( Upvc+ high density polyethylene+ reinforced concrete+ cast iron+ Grp ) & Rainwater drainage networks diameters from 160 mm to 200 mm with total length of 50 km of pipes ( Upvc) & Water supply networks diameters from 32 mm to 1200 mm, with

total length of 200 km of pipes ( Upvc+ high density polyethylene+ cast iron +STEEL ) & Water irrigation networks diameters from 75 mm to 200mm with total length of 150 km of pipes ( high density polyethylene) & fire networks diameters from 160 mm to 200mm. And Also All Valve Chamber from 300 mm to 1500 mm.

### **Duties:**

- guide the subcontractors to implement the work according to specifications with required quality and according with time schedule.
- Ensure all changes to specifications, work scope and drawings are documented.
- Check technical designs and drawings to ensure that they are followed correctly.
- Providing technical advice and solving problems on site.
- Carry out day-to-day management of the site, including supervising and monitoring the site labor force and the work of any subcontractors.
- Build and maintain positive working relationships with co-workers.
- Monitor project progress.

---

### **Skills**

- Arabic: Native , English: Limited Working Proficiency
- Computer skills: AUTOCAD, SAP 2000, MICROSOFT OFFICE.
- Soft skills: Self-learning, ability to work in a team, excellent oral and written communication.

---

### **Education**

Bachelor of Civil Engineering, Mansoura University  
Graduation :2018  
General Grade Good

---

### **CERTIFICATIONS**

**AUTO CAD 2D .CIVIL 3D**

**SAFE .E TABES . CSI COULMN**

**PRIMVERA PROGRAMME P6.8.3**

**DIPLOMA OF OCCUPTIONAL SAFETY AND HEALTHY (OSHA) MANAGER (30-HOURS) TRAINING COURSE 2017.**