

Mohammed Anwar

Surveyor

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Jeddah, Saudi Arabia

SUMMARY

Experienced Surveyor specializing in topographic, utility, and drainage surveys for large-scale infrastructure projects. Skilled in using Total Station, Level and GPS systems for precise data collection and proficient in AutoCAD for mapping and design. Strong background in defining alignments, controlling levels and slopes, and supervising excavation and network installation in full compliance with engineering standards. Effective in coordinating with engineers, contractors and authorities to ensure accurate execution, timely delivery and high-quality project outcomes.

SKILLS

- Total Station
- Leveling Instrument (Auto Level)
- GPS Technology
- Auto CAD
- Standards and Compliance
- Topographic Surveying
- Site Analysis and Assessment
- Surveying Equipment Proficiency
- Road Design and Alignment
- Utility Line Surveying (Water, Sewage, Gas)
- Drainage System Design
- Team Collaboration

WORK EXPERIENCE

Surveyor | Petrojet, Cairo

Jun 2023 – Des 2025

- Defined and marked the locations of manholes and utility lines, including water, sewage, and gas networks.
- Managed the elevation and grading of excavation layers for utility installations.
- Set the precise slope for sewage lines to ensure proper drainage.
- Collected field data and generated reports for technical offices to update project progress.

General Survey Specialist | Cairomatic, Cairo

Mar 2021 – May 2023

- Conducted comprehensive topographic and site surveys to collect elevation data, assess ground conditions, and determine accurate alignments for sewage and stormwater drainage systems.
- Used surveying instruments to precisely locate and mark pipeline routes, define excavation boundaries, and control levels and gradients to meet design requirements.
- Designed and verified drainage and stormwater networks, including channels, pipelines, and manholes, ensuring compliance with Egyptian codes and technical specifications.
- Supervised excavation, backfilling, and leveling operations to maintain correct slopes, depths, and flow directions according to approved engineering drawings.
- Monitored construction activities to ensure adherence to project designs, identifying deviations and implementing corrective measures to prevent delays.
- Established and marked lifting stations and treatment plant locations to ensure integration of clean water and wastewater systems.
- Collaborated with engineers, contractors and government authorities to maintain coordination and consistency across all project phases.
- Accurately recorded field measurements and prepared detailed reports documenting progress, level checks, and as-built conditions.

Surveyor | Samcrete, Giza

Sep 2020 – Feb 2021

- Conducted topographic surveys of the site to assess road terrain and design parameters, providing essential data for engineers.
- Determined the accurate alignment and elevation of the road on-site using advanced surveying equipment.
- Performed surveying for various road layers and monitored their elevations to ensure compliance with design specifications.
- Supervised construction activities to ensure precise execution in accordance with engineering plans.

EDUCATION

- Diploma in Surveying** | Technical Institute of Surveying, Matariya | 2020

LANGUAGE

- Arabic
- English