

Mahmoud Ibrahim Abukrema

Surveyor - Chief Surveyor

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Professional Summary

A highly experienced Surveyor with over 18 years of experience, including 12 years in Saudi Arabia. Proven expertise in managing and executing large-scale surveying projects, particularly in the areas of sewer and stormwater systems. Proficient in the use of AutoCAD, Civil 3D, ArcGIS, and other surveying software. Skilled in using Level, Total Station, GPS, and GIS equipment. Strong background in Conducting surveys for various land development projects.

Experience

Survey Manager | Spectrum Engineering Solution Saudi Arabia, Riyadh | Sep 2024 - Present

Project: Hottat Bani Tamim sewage net work

Survey Manager | Gride Fine Finishes Company, New Cairo, Egypt | Nov 2022 – Aug2024

Project: Al-Jazzi Egypt

Responsibilities:

- Directed comprehensive surveying operations for residential and commercial projects, ensuring precision and adherence to project specifications.
- Implemented advanced surveying technologies and methodologies to enhance data accuracy and operational efficiency.
- Coordinated cross-functional teams, ensuring seamless integration of survey data into overall project plans.
- Maintaining equipment to ensure operational readiness and accuracy.
- Generate reports and analyze survey data for project planning and execution.

Achievement:

- Successfully expedited the surveying phase, completing it two months ahead of schedule, which resulted in a 15% increase in overall project efficiency.

Chief Surveyor | KAD Consultant, Tenth of Ramadan, Egypt | Jan 2021 - Nov 2022

Project: Zagazig National University

Responsibilities:

- Spearheaded the surveying department, overseeing all aspects of land measurement and data collection for university construction.
- Developed and enforced stringent quality control protocols to ensure the accuracy and reliability of survey data.
- Fostered collaboration with engineering and architectural teams to integrate precise survey data into project designs.
- Utilized drones for aerial surveys to enhance data collection efficiency.
- Ensured compliance with environmental regulations during surveying operations.

Achievement:

- Implemented GIS technologies, reducing survey errors by 20% and significantly enhancing data precision.

Chief Surveyor | Built Contracting Company, Dawadmi, Riyadh, Saudi Arabia | Nov 2019 - Dec 2020

Project: NHC Project

Responsibilities:

- Directed all surveying operations for large-scale developmental housing projects, ensuring compliance with engineering standards and regulatory requirements.
- Led a team of surveyors, providing mentorship and training on the latest surveying equipment and techniques.
- Conducted detailed analysis and validation of survey data to support project decision-making.
- Specialized in wetland delineation and ensuring survey accuracy in sensitive areas.

Achievement:

- Maintained a 98% accuracy rate in survey measurements, minimizing project rework and enhancing cost-efficiency.

Chief Surveyor | Azizi Developments, Dubai, UAE | Jul 2018 - Jul 2019

Project: Azizi Compound No. 119

Responsibilities:

- Oversaw the surveying team for a high-profile residential compound project, ensuring adherence to project timelines and quality standards.
- Implemented innovative surveying technologies to improve operational efficiency and data accuracy.
- Coordinated with project stakeholders and consultants to ensure alignment of survey data with project objectives.

Achievement:

- Achieved a 25% reduction in surveying time, setting a new benchmark for project efficiency.

Chief Surveyor | Sabbour Consulting, New Cairo, Egypt | Apr 2017 - Apr 2018

Project: Lavenir Compound

Responsibilities:

- Led the surveying department for a major residential compound project, ensuring precise and accurate land measurements.
- Developed and implemented advanced survey methodologies to optimize data collection and processing.
- Provided technical leadership and training to junior surveyors, enhancing overall team capability.
- Committed to professional development through continuous learning and application of new surveying techniques.

Achievement:

- Boosted surveying efficiency by 30% through the adoption of cutting-edge surveying software and techniques.

Senior Surveyor | Al-Jaber Contracting Company, Al-Ahsa, Saudi Arabia | Mar 2014 - Mar 2017

Project: Infrastructure for Al-Ahsa Housing

Responsibilities:

- Managed comprehensive survey operations for residential infrastructure projects, ensuring compliance with project specifications.
- Collaborated closely with consultants and contractors to align survey data with project requirements.
- Conducted rigorous quality control and assurance processes to ensure the integrity of survey data.

Achievement:

- Delivered the project under budget by 10%, achieving significant cost savings of approximately 32 million SAR.

Senior Surveyor | Atiq Al-Saedi and Sons Company, Dammam, Saudi Arabia | Nov 2010 - Dec 2013

Projects: Stormwater Drainage and Pump Stations

Responsibilities:

- Directed survey operations for stormwater drainage systems, ensuring accurate and reliable data collection.
- Coordinated with engineering consultants (Zohir Fayez) to ensure adherence to project specifications and timelines.
- Managed comprehensive survey documentation and reporting processes.

Achievement:

- Enhanced project delivery time by 15% through the implementation of streamlined survey processes.

General Surveyor | Civil Works Company (CWC), Al-Ahsa, Saudi Arabia | Jun 2008 - Oct 2010

Project: Sewer and Pressure Pipeline

Responsibilities:

- Conducted detailed surveys for the installation of sewer and pressure pipelines, ensuring compliance with project specifications.
- Managed a team of surveyors and provided training on advanced surveying equipment and techniques.
- Developed and maintained comprehensive survey records and documentation.

Achievement:

- Reduced surveying costs by 20% through effective resource management and optimization of survey processes.

General Surveyor | Civil Works Company (CWC), Al-Hofuf, Saudi Arabia | Jun 2008 - Oct 2010

Project: Pump Station Sewer (Project Value: 36 million SAR)

Responsibilities:

- Directed surveying activities for the construction of a pump station, ensuring precision and accuracy in data collection.
- Coordinated with engineering consultants (Al-Tawfiq) to align survey data with project requirements.
- Maintained meticulous survey records to support project validation and verification processes.

Achievement:

- Achieved a 95% accuracy rate in survey data, significantly enhancing project reliability and stakeholder confidence.

Surveyor | Egyptian Contracting Company (Mokhtar Ibrahim), Kafr Elzayat, Egypt | Sep 2005 - May 2008

Project: Sewer and Pressure Pipeline

Responsibilities:

- Conducted comprehensive land surveys for sewer and pressure pipeline projects, ensuring precise and accurate data collection.
- Coordinated with the Water and Wastewater Authority to align survey activities with project requirements.
- Prepared and maintained detailed project documentation to support project planning and execution.

Achievement:

- Successfully completed the project with zero survey-related incidents, ensuring a safe and efficient work environment.

Education

- **Postgraduate Diploma** in Surveying, Maps, and GIS, Tanta University, 2019
- **B.A.** in Arts, Tanta University, 2005

Skills

Soft Skills

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|---------------------------|-------------------|-----------------------|
| • Team Leadership | • Problem-Solving | • Conflict Resolution |
| • Project Management | • Decision-Making | • Adaptability |
| • Effective Communication | • Time Management | |

Hard Skills

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|-----------------------|----------------------------|---|
| • Land Surveying | • Data Analysis | • Cost Estimation |
| • Quality Control | • Technical Report Writing | • Equipment Calibration and Maintenance |
| • Resource Management | • Risk Assessment | |

Technical Skills

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|------------|-----------------|-------|
| • AutoCAD | • Level | • GIS |
| • Civil 3D | • Total Station | |
| • ArcGIS | • GPS | |

Languages:

- Arabic
- English

Attachments:

- Experience certificates
- Accredited certificates
- Membership in the Egyptian Survey Association
- Valid driving licenses (Egyptian and Saudi)
- Please find attached cv by Barcode.

