



ZAHRAN KHAN

Senior Surveyor

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PROFILE SUMMARY

Highly skilled Senior Surveyor with two decades of hands-on experience across Saudi Arabia's largest infrastructure undertakings. I have worked alongside government authorities including the Ministry of Transport, National Water Company, National Housing Company, and multiple Municipalities. I bring precision to every benchmark verification, clarity to every as-built deliverable, and steady leadership to every survey team I supervise. What drives me is seeing complex designs translated flawlessly onto the ground, from highways and bridges to housing developments and utility networks.

CORE COMPETENCIES

- Survey Network & Benchmark Establishment
- Survey Methods Review & Approval
- Alignment, Level & Coordinate Verification
- Survey Team Supervision & Mentoring
- As-Built Data Validation & Reporting
- As-Built Drawing Preparation & Review
- Design Engineer Communication & Issue Resolution
- Local Authority Liaison
- Right-of-Way Coordination
- Road Geometry & Utility Surveying
- Earthworks & Infrastructure Surveying
- Total Station, GPS & Auto Level Operation

WORK EXPERIENCE

Chief Surveyor | CHEC (China Harbour Engineering Company)

Project: SEDRA Infrastructure Development, Riyadh (2024–2026) | **Client:** NHC

- Verified and analyzed all survey reports, data sets, maps, and design drawings to confirm accuracy before field execution.
- Maintained continuous communication with management and the design department regarding project survey tasks and technical clarifications.
- Supervised, mentored, and evaluated surveying staff while assigning daily tasks and monitoring performance.
- Ensured all survey work adhered to legal regulations, engineering codes, and project specifications.
- Led survey teams and supervised site activities to guarantee construction compliance with approved designs.

Chief Surveyor | Saudi Aram Co.

Project: As-Built Collection Project (2020–2022) | **Client:** Saudi Aramco

- Directed the survey team and supervised all site operations to ensure as-built data was collected with precision and accuracy.
- Documented final positions of completed structures including buildings, utilities, and infrastructure elements.
- Created detailed and accurate as-built reports for submission to the client within strict deadlines.
- Implemented quality control checks on all field measurements before final documentation.

Chief Surveyor | Muhammad Al Ojaimi Construction Co.

Project: Al Kharj Housing Project (2015–2019) | **Client:** NHC

- Verified site boundaries, centerlines, and construction limits including berms, ramps, and toes to guide earthmoving equipment.
- Integrated survey data into project plans and continuously monitored ground movement and site conditions.
- Compiled daily and monthly survey reports while maintaining detailed records, maps, and drawings.
- Confirmed that road layers (gravel, asphalt, concrete) and structural elements met design elevations and tolerances.
- Resolved discrepancies between design plans and field conditions, identified utility collisions, and notified relevant engineers for resolution.

Land Surveyor | Al Mousa Real Estate

Project: Numerous Urban Infrastructure Developments (2010–2015) | **Clients:** Municipality, NWC, and SEC

- Operated total stations, GPS equipment, and auto levels to determine topography, elevation, and locations of underground utilities.

- Translated approved designs into physical points on the ground for utility excavations, structural alignments, building foundations, and road paving layers.
- Identified, marked, and verified property lines, right-of-ways, and land ownership boundaries.
- Ensured all survey work complied with approved designs and project specifications.
- Prepared reports, maps, and legal property descriptions to support transactions, boundary disputes, and land development projects.

Land Surveyor | Gulf Engineering House

Project: King Abdullah Road Highway Project (2007–2010) | Client: Municipality of Al Qaseem (Buraidah)

- Adjusted control points, verified traverse accuracy, and calculated all site measurements.
- Identified and marked property lines while accurately measuring distances for underground utilities.
- Verified that road pavement layers including gravel, concrete, and asphalt were placed at correct elevations and horizontal alignments.
- Verified survey data, measurements, levels, and alignments submitted by contractors to ensure compliance with approved drawings. Prepared accurate reports and processed field data using AutoCAD and Civil 3D.

Land Surveyor | Al Jouf Farms Topography

Project: Farm Topography and Traversing (2005–2007) | Client: Ministry of Transport

- Established benchmarks and performed closed traverses with high precision and accuracy.
- Measured and collected land features to support design department for construction projects.
- Analyzed all survey data to confirm precision standards before releasing to engineering teams.
- Collaborated with engineers, architects, and urban planners to align survey outputs with project requirements.

Land Surveyor | Saudi Company

Project: Commercial Building Project (2003–2005) | Client: Saudi Construction

- Conducted topographic surveys and identified site boundaries with precision before construction began.
- Marked building limits, foundations, walls, and infrastructure elements including roads and utilities.
- Regularly checked structural alignments, verticality, and elevations according to approved designs.
- Prepared site survey activities and notified consultant teams for inspection.
- Coordinated with safety engineers and supervisors to maintain compliance with legal and safety regulations.

Chief Surveyor | Desert Tigers Company

Project: Urban Infrastructure Development (Currently Working) | Client: Municipality

- Manage all infrastructure site surveyors and oversee all survey activities on a daily basis.
- Lead survey teams and supervise site operations to maintain precision and accuracy throughout construction.
- Prepare survey records and collect field data for company submission and client review.
- Liaise with project managers, engineers, and clients to resolve discrepancies promptly.

EDUCATION

Bachelor of Science (Geography), Gomal University – 2002

Diploma in Civil Surveying, PICSTS – 2004

Diploma in Civil Engineering, NUCOM Institute of Technology – 2013

Master in Arabic language, Bannu University of Science & Technology –2019

TECHNICAL SKILLS

GPS / GNSS | Total Station | Auto Level | Civil 3D | AutoCAD | MS Office 365

LANGUAGES

English – Fluent (Speak, Write, Read)

Arabic – Fluent (Speak, Write, Read)