
Saudi Arabia

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HAMAD HASSAN

Senior Land Surveyor / Land Surveyor

PROFESSIONAL SUMMARY

A results-driven and meticulous Senior land Surveyor (Maaden Approved) with over 9 years of progressive experience overseeing large-scale construction projects, including 115kV substations, government buildings, and residential communities. Expert in leading survey operations from initial topographic surveys through to final as-built verification, ensuring millimeter-level precision for structural, civil, and MEP elements. Highly proficient in utilizing advanced technologies such as GPS, Total Stations, and 3D laser scanning to solve complex spatial challenges. Skilled in managing project timelines, coordinating with multidisciplinary teams, and ensuring strict adherence to safety and quality standards. Proven ability to manage teams, enforce stringent quality control standards, and liaise effectively with clients and consultants to deliver projects on schedule and within specification

KEY SKILLS

- | | | |
|---------------------------------------|---------------------------------|---------------------------|
| • TOTAL STATION | • GPS / GNSS | • AUTO CAD |
| • Topographic Surveys | • Quantity | • CIVIL 3D |
| • MS Word, MS Excel, MS PowerPoint | • Data Downloading & Processing | • Infrastructure Works |
| • Earthwork & Volumetric Calculations | • Cost Estimation | • Effective Communication |
| • Revit | • Safety & Compliance | • Client Relationship |
| • Survey Reports Preparation | • Documentation | • MEP layout Verification |
| • Survey data Analysis | • As-Built Drawings | • |

EMPLOYMENT HISTORY

SENIOR land SURVEYOR

Oct 2024 – Present

Utilities and Industrial Power Services .Co .Ltd

Project: 115 KV Substations

Client: Saudia Arabian Mining Company (Madden)

Consultant: Worley

- Led surveying operations for the construction of a 115kV substation, ensuring millimeter-level accuracy for all precast concrete elements including columns, slabs, and beams.
- Managed the precise installation and quality control (QC) of over 150 precast concrete components, maintaining alignment tolerances within 3mm deviation to ensure structural integrity.
- Directed the setting out and as-built surveys for underground electrical conduit and duct bank systems,
- Oversaw the positioning and leveling of critical mechanical equipment such as power transformers, circuit breakers, and isolators, ensuring precise placement for electrical integration.
- Established and maintained the primary control network and site benchmarks, providing accurate geospatial data for all civil, mechanical, and electrical (MEP) activities.

LAND SURVEYOR

Feb 2023 – Sep 2024

Company Name: Mohammed Ali Siddiq Al-Zubaidy Est.

Client: Ministry of Education & Tatweer (TBC)

Consultant: AFM - Ahmed Farid Mustapa Consultant Groups

Project: School projects In Madina Munawarah

- Conducted topographic surveys and boundary surveys for greenfield sites using GPS and Total Station to establish accurate existing conditions maps for school construction projects.
- Performed precise setting out for building foundations, columns, and slabs, ensuring all elements were positioned within a 5-10mm tolerance as per engineering drawings.
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- Calculated earthwork volumes using cut and fill analysis from survey data to guide grading plans and minimize material waste, reducing earthmoving costs by an estimated 10%.

SURVEYOR

2022 – 2023

Project: Sadan Communities (Residential villas)

Client: National Housing Company- Al Sadan

Consultant: Rumoz consulting Engineers

- Performed precise setting out for the foundations, boundary walls, and layout of over 50+ residential villas, ensuring strict adherence to architectural plans and property lines.
- Collaborated closely with Rumoz Consulting Engineers to submit survey data, resolve any field discrepancies, and secure necessary approvals at critical project milestones.
- Monitored earthwork operations by calculating cut and fill volumes to ensure efficient grading and minimize material transport costs.
- Maintained detailed field notes and generated daily survey reports and as-built drawings for quality control and project documentation.

SURVEYOR

2019 – 2022

Project: Building Type C

Client: Ministry of Commerce and Industry

Consultant: khatib & Alami

- Guided the precise layout of all structural elements, including column centers, gridlines, and floor levels, ensuring alignment with architectural and structural designs.
- Verified the positioning and elevation of deep foundations and pile caps through rigorous quality control checks.
- Administered as-built documentation for complex MEP (Mechanical, Electrical, Plumbing) rough-ins and underground utility corridors before concrete pours.
- Charted site progress through regular progress surveys, providing updated cut-and-fill volume calculations to inform earthwork management.

SURVEYOR

Company Name: RAWAASA.CO

2017 – 2019

Project: Prison Building at Aliths, Saudi Arabia

Client: Ministry of Interior

- Pioneered the establishment of a high-precision geodetic control network across the large-scale site to serve as the primary reference for all construction phases.
- Orchestrated the setting-out of complex security perimeters, high walls, and structural foundations with stringent accuracy requirements.
- Employed 3D laser scanning techniques for detailed documentation of critical areas and to verify clearances for specialized security equipment.
- Fulfilled rigorous quality assurance protocols, with all survey data subject to audit by the client's (Ministry of Interior) representatives.

LICENSES AND MEMBERSHIP

- Valid Driving License
- *Membership of Saudi Engineering Council*
- MAADEN APPROVED

EDUCATION

Diploma of Associate Engineer

Khyber Pakhtunkhwa Board Of Technical Education

S. S. C. Science

Board of Intermediate & Secondary Education, Malakand

LANGUAGE

- English Proficient User
- Arabic Proficient
- Urdu Proficient User
- Pashto Proficient User