

Adel Mohamed Khalifa Abdalla

Senior Survey Specialist

Location: Jeddah, Saudi Arabia | Phone: 00966501921583 |

Email: am350246@gmail.com

SCE Membership No: 394886 (Specialist)

LinkedIn: <https://www.linkedin.com/in/adel-abdalla-97530b211/>

PROFESSIONAL SUMMARY:

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Accomplished Senior Survey Specialist with over 12 years of extensive experience in land surveying, geomatics, and site development. Officially licensed as a Surveying Specialist by the Saudi Council of Engineers. Expert in high-precision field data collection using advanced Leica TS16, Sokkia, and Topcon technologies. Proficient in transforming complex survey data into engineering deliverables using AutoCAD, Civil 3D, and ArcGIS. Proven track record in project management, technical office operations within major engineering firms, and site construction supervision, including the inspection of structural works, interpretation of structural and architectural drawings, and comprehensive architectural finishing works.

TECHNICAL SKILLS & CERTIFICATIONS:

Construction & Site Supervision:

- **Structural & Architectural Inspection:** Expert in inspecting concrete works (reinforced and plain), ensuring compliance with structural design specifications, and maintaining high quality-control standards.
- **Blueprint Reading:** Highly proficient in interpreting complex structural and architectural drawings to ensure precision in on-site execution.
- **Finishing Works:** Experienced in supervising all stages of architectural finishing, ensuring adherence to technical standards and regulatory requirements.
- **Carpentry & Rebar Inspection:** Skilled in inspecting formwork (carpentry) and steel reinforcement (rebar) to ensure alignment with approved plans.
- **Quality Inspection:** Skilled in inspecting interior and exterior finishing materials to ensure they meet technical specifications.
- **Subcontractor Coordination:** Experienced in overseeing subcontractors' performance to ensure timely and high-quality delivery.

- **Punch List Management:** Proficient in identifying and managing snags and finishing defects, ensuring successful project handover.

- **Surveying Instruments:**
 - **Total Stations:** Expert in Leica TS16, SOKKIA, and Topcon (Manual & Robotic).
 - **GNSS/GPS:** Proficient in RTK, Static, and GPS-utility operations.
 - **Levels:** Professional experience in Optical and Digital Leveling.

- **Engineering & GIS Software:**
 - **Design & Drafting:** Advanced AutoCAD 2D and Civil 3D.
 - **GIS & Mapping:** ArcGIS, Surfer, and Leica Survey Office.
 - **Utilities:** Sokkia Link and GPS-Utility.

- **Professional Certifications:**
 - **PMP Preparation:** Completed 72 hours of Project Management Professional training - TVTC Saudi Arabia.
 - **GIS Specialist:** Certified in Geographic Information System (GIS) - Eng soft Training Academy.
 - **Modern Surveying Equipment:** Professional training in Total Station (Sokkia, Leica, Topcon) & GPS - Egyptian Survey Association.
 - **AutoCAD 2D & Total Station:** Professional Training Course - Tanta University (Grade: Excellent).

- Soft Skills:**
 - **Team Leadership, Data Analysis, Quality Control, and Regulatory Compliance.**

WORK EXPERIENCE:

Surveying Specialist | Maher Ahmed Bilal Engineering Consulting *Jeddah, Saudi Arabia* | 09/2025 – Present

- **Leading site surveying operations for consultancy projects in Jeddah, ensuring precise boundary and topographic layouts.**
- **Operating Leica TS16 and GNSS systems to establish primary control networks.**
- **Processing survey data in Civil 3D to generate As-Built drawings and technical reports.**

**Land Surveyor | Nibras Habwa Engineering & Safety Consulting *Abha, Saudi Arabia*
| 05/2021 – 08/2025**

- Executed topographic surveys and accomplished precise setting-out for structural and utility components.
- Produced comprehensive as-built drawings and detailed survey reports using AutoCAD and Civil 3D.
- Liaised with site engineers and municipal authorities to ensure project compliance.

**Land Surveyor | Naif Ali Yahya Al-Musri Contracting Establishment *Abha, Saudi Arabia*
| 09/2020 – 05/2021**

- Facilitated topographic surveys and performed land measurements to support site planning.
- Accomplished precise setting-out works for structural and utility elements.
- Generated detailed as-built drawings and maintained leveling and alignment control.
- Supervised and inspected structural activities, including rebar (steel), formwork (carpentry), and concrete casting. Oversaw architectural finishing works, interpreted structural and architectural drawings, and performed necessary design adjustments to ensure on-site precision."
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**Land Surveyor | City Center for Engineering Consulting *Abha, Saudi Arabia*
| 02/2020 – 09/2020**

- Conducted meticulous topographic surveys and land measurements to underpin strategic planning.
- Created comprehensive as-built drawings and survey reports using AutoCAD and Civil 3D.
- Coordinated with municipal authorities to ensure project alignment with local regulations.

**Land Surveyor | Advanced Center for Civil Engineering Consulting Office *Al-Majadra, Saudi Arabia*
| 12/2017 – 12/2019**

- Executed topographic surveys and conducted precise setting-out works for structural and utility elements.
- Developed detailed as-built drawings and ensured high accuracy in leveling and layout control.

**Land Surveyor | Mohamed Reda Qattan Consulting Office *Al-Majadra, Saudi Arabia*
| 04/2016 – 08/2017**

- Performed detailed topographic surveys to inform accurate site planning.
- Produced comprehensive as-built drawings and survey reports employing AutoCAD and Civil 3D.

Land Surveyor | Alexandria Construction Company (Talaat Moustafa Group)
Ameriya, Alexandria, Egypt | 06/2013 – 09/2013

- Conducted comprehensive topographic surveys and measurements for large-scale residential developments.
 - Executed meticulous setting-out works for structural and utility elements.
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EDUCATION & CREDENTIALS:

- Bachelor of Arts (B.A.) in Geography
 - Specialization: Surveying and Cartography Department
 - Tanta University, Egypt | Graduated: 2013
- Professional Membership:
 - Registered Surveying Specialist – Saudi Council of Engineers (SCE).
 - Membership No: 394886 (Valid until August 2026)