

Rizwan Rafique

Senior Land Surveyor

+966 543539725 | rizwansr.surveyor@gmail.com | rizwan66102@gmail.com

Transferable Iqama | Valid KSA Driving License | Saudi Arabia | Nationality Pakistani

Professional Summary

Senior Land & Marine Surveyor with **14+ years' experience (12+ in Saudi Arabia)** delivering precise surveying solutions for major infrastructure, oil & gas, RO desalination Plant, Power substations, airports, Stadium, Building Structure, Precast, Landscape and marine projects. Proven record with **Aramco, SWCC, SEC** projects. Skilled in **GPS, Total Station, AutoCAD, Civil 3D, Hydrographic & Topographic surveys**. Strong expertise in site layout, as-builts, QA/QC inspections, and alignment verification.

Professional Experience

Sr. Land Surveyor (Freelance) — Al-Sukoon Aqeeli Al-Otaibi Co. KSA

Al Khobar, Saudi Arabia | Jul 2025 – Present

- Conducting land & site surveys for construction and infrastructure projects.
- Preparing reports, layouts, and measurements with advanced survey tools.
- Providing independent survey services for medium-scale land & marine projects.

Land Surveyor — ILF Consulting Engineers (Client : SWCC) KSA

Saudi Arabia | Apr 2021 – May 2024

- Inspection for Topographic & construction surveys for Hali Dam water purification plant.
- Survey inspection Layout of tanks, pump stations, and pipelines; survey validation.
- Surveyed 700,000 m³ tanks shafts and Bechtel Storage Buildings.
- Verified alignment/elevation controls for transmission lines.

Senior Land Surveyor — Dar Engineering (Client :SWCC) KSA

Saudi Arabia | Jun 2019 – Mar 2021

- Surveyed 85,000 m³/day RO plant along with offshore marine dredging, piling, intake/outfall lines, intake towers.

Land Surveyor — Alfamar Construction (Client :Saudi Aramco & SEC) KSA

Saudi Arabia | Feb 2016 – Jun 2019

1. Expansion of Khurais oil field to increase production capacity by 500,000 barrels/day, supplementing the existing 1.2 million barrels/day
- Construction of 330 Precast residential units, Road, landscape and parking.
2. **Saudi Electricity Company: Electric Substation Hafar Al Batin KSA**
- Construction of 115kv & 30.8kv substation and control Precast Buildings.

Land Surveyor — Saudi Binladin Group

Saudi Arabia / Jul 2012 – Dec 2015

- Surveyed Stadium, Precast villas, mosque, Landscape and roads project.

Land Surveyor — Matrakon Construction

Kashmir, Pakistan / Jan 2010 – Jul 2012

- Surveyed civil works for a **250-bed hospital project**.

Key Skills

- **Survey Tools** GPS, Total Station, Auto Level.
- **AutoCAD, Civil 3D, Microsoft Office (Excel, Word, PowerPoint).**
- **Survey Software:** Trimble Business Centre (TBC), Leica Infinity, Topcon Magnet Field, GIS, Google Earth.
- **Drafting** – preparing sketches, drawings, as-builts, and alignment profiles.
- **Survey Data Processing & Reporting** – detailed reports for PMT/consultant approvals (TBC, Leica Infinity, Topcon Magnet).
- **Construction Surveying** – ROW, alignment, and elevation control for **buildings, industrial facilities, precast structures, MEP works, substations, stadiums, offshore/marine works, and long-distance infrastructure projects.**
- **Hydrographic & Bathymetric Surveys** – GNSS + echo sounder data collection for marine works
- **QA/QC & Standards Compliance** – Aramco, SEC, SWCC specifications, and project documentation.
- **Quantity Estimation & Verification** – calculating earthworks, concrete, and utility quantities
- **Drone Mapping & Photography.** Preparation of daily weekly & monthly site update reports for client & PMT.
- **Report Writing & Documentation** – technical reports, daily logs, and client-ready deliverables.
- **Effective Communication** – verbal/written updates to engineers, PMT, and contractors.
- **Problem-Solving & Analytical Thinking** – resolving site discrepancies and technical challenges.
- **Teamwork & Coordination** – collaborating with multidisciplinary teams for project execution.

Education

Diploma in Civil Surveying — PBTE, Lahore
Secondary School Certificate — Mirpur Board, AJK
AutoCAD Certification — Rawalpindi Institute

Language English Arabic Urdu (Fluent)

Personal Information

- **Full Name:** Rizwan Rafique Muhammad Rafique khan
- **Date of Birth:** 02 February 1989
- **Nationality:** Pakistani
- **Phone No** +966543539725
- **Email:** Rizwan66102@gmail.com rizwansr.surveyor@gmail.com
- **LinkedIn** <https://www.linkedin.com/in/rizwanrafiquechugtai>