



CURRICULUM VITAE

NAME: MOHAMMAD ATIF

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Current Location: Al Riyadh (Saudi Arabia)

Email: atifbutt2008@yahoo.com

Professional Experience:

Senior Land Surveyor

Total Experience: 18 Years (Saudi Arabia & Qatar)

Highly experienced Senior Land Surveyor with 18 years of proven expertise in major infrastructure projects across **Saudi Arabia and Qatar**. Demonstrated excellence in surveying, communication, and coordination across various large-scale and complex construction developments.

Key Areas of Expertise:

- Roads & Highways Infrastructure Rail/Metro projects & FIFA world-Cup-Stadium
- Tunnels, Bridges, Fly overs/Overpass/Underpass/Steel bridge/Concrete bridge
- High-rise Towers Façade work & Alignment of Structural Steel, Building Projects
- Oil & Gas Refineries & Petrochemical Plants and Power and Water Utility Plant
- Wastewater Treatment Plants
- Micro Tunneling & Sewer Rising Main Line & Road Interim Improvement Schemes
- Wet & Dry Utilities (Water pipelines, irrigation & drainage infrastructure network System Surveying, Electrical & Communication Ducts)
- Water Storage Tanks & Pump Stations, Sub Stations
- Landscaping & Public Realm Works, Earthwork and Construction Work

Latest Instruments Used in Construction Surveying

◆ 1. Total Station (Robotic & Manual)

- Combines electronic theodolite and EDM (Electronic Distance Measurement)
- **Robotic Total Stations** allow single-operator functionality
- Brands: **Leica, Trimble, Topcon, Sokkia**

◆ 2. GNSS / GPS Surveying Equipment

- Provides high-precision coordinates using satellite signals
- RTK (Real-Time Kinematic) systems offer centimeter-level accuracy
- Brands: **Trimble R12, Leica GS18, Topcon HiPer VR**

Digital/Automatic Levels

- Used for precise leveling in construction and roadworks etc.

Educational Qualification

- ✚ Government Secondary High School Certificate Gujranwala Board Punjab Pakistan
- ✚ Diploma in Surveying (Government College Technology Rasul) Form Punjab Board of Technical Education Lahore. Pakistan (2000)
- ✚ Diploma in Civil Surveyor (Trade Testing Professional Skill Council Rawalpindi) Registered with Government of the Punjab, Pakistan (2005)

➤ Computer Skills

Survey Using 2D - Civil 3D-GIS skills, Static data and RTK GPS Technology-Microsoft Word - Excel - Using google earth, Global mapper related survey program, A Conex doc.

◆ Current Status

Visa Type: Freelance Visa (Saudi Arabia)

Availability: Immediately available for full-time or part-time projects

Job Seeking: Actively looking for opportunities as Senior Land Surveyor & Survey Engineer in KSA (Valid Transferable Iqama / Freelance Visa)

➤ Below different Completed Projects Summary in Qatar

Company Name: ITAL CONSULT (Qatar Branch)

Client Name : Ashghal - Public Works Authority ([Approved Sr, Land Surveyor](#))

Project Name: DN107 & DN117-P01A ROADS & INFRASTRUCTURE

Project Information: CONSTRUCTION OF REMAINING WORKS OF C2017-70, ROADS & INFRASTRUCTURE IN AL FROOSH-AL KHARITIYAT-PACKAGE 01 (DN107&DN117-P01)

Duration: December 2022 to May 2025

Keys & Duties Responsibilities of Land Surveyor: [Supervision Consultancy](#)

- Responsible for attending requests for inspection for all survey and setting out & levels-based work on a daily basis, ensuring that all works are validated on site. Verifying data and calculations.
- Checking the contractor's drawings and site operations in relation to required survey checks and reviews. Advise the SRE and RE's and recommend actions concerning construction surveys.
Maintain the construction surveys and quantity records. As built surveys are carried out to record on site from engineering plans provided and 3RD party as built survey/ GIS checking for a client.
- Reviewing, understanding and implementing on site the current QCS 14(Qatar Construction Specification) requirements. Implementation of the Survey Quality Control Plan and ITP Survey field inspection process. Reviews Contractor submitted survey related technical documents.
- Supervise and direct the field survey parties to comply with the Contractor's request for Surveys,

- Reviewing and commenting on shop drawings for setting out accuracy and identify any existing areas which may be affected by the proposed road construction works.
- Continually monitoring the works to ensure the contractor complies with his agreed site Safety policies and proposed methods of working and where necessary prohibit Continuation of unsafe execution of works by the Contractor. Prepares SDR's (Surveillance Deficiency Report) and NCR's (Non-Conformance Report).
- Preparing daily project reports (written and photographic) on progress of the works for survey related matters. Coordinate and schedule all survey work to serve all disciplines as per required by the different RE's. Communicating with clients, property owners, and other stakeholders to explain survey results and answer questions. Recording results of surveys.
- Attending periodical technical, safety, quality and progress meetings as and when required.
- Coordinates with the Resident Engineer for site permissions, and Timely successful completion Projects. And handover to client.

Company Name: ITAL CONSULT (Qatar Branch)

Client: Ashghal - Public Works Authority

Duration: May. 2019 to December 2022

Project Title: C2018/053 **A-Ring** Road Interim Improvement Scheme Doha

Project Title: (G009) IA12/13DS002ST Interim Improvement of the Scheme **B-Ring** Road Minnie and Guest Palace Roundabouts Scheme Doha.

Project Title: Doha Central & Cornichon Beautification Project Surface Water Proposed Micro Tunnel and SW connection Plan Exhibit-A

➤ **Completed Projects in Qatar, Doha**

Project Name 01: Roads & Infrastructure for UMM Salal Integrated Workers Accommodation Community Qatar.

Project Name 02: Sewer Rising Main Line & Micro Tunnel & Pump Station and Surface Water Drainage Systems.

Project Name 03: Access Roads to Jery Al Samur Logistic City Integrated Worker

Project No: IA 2016 C 042G

Consultant: ITAL CONSULT (Qatar Branch)

Client: Ashghal - Public Works Authority

Duration: Sep 2017 to May 2019

Keys & Duties Responsibilities of Land Surveyor for Site Inspection

- ❖ Carrying out Topographic Surveying.
- ❖ Preparing daily activities reports.
- ❖ Checking of construction drawings with field problems and proposing changes if required to the Site team.

- ❖ Solving issues when needed for site surveyors.
- ❖ Observations of vertical control data by running level line (benchmark).
- ❖ Supervise new survey control points/temporary Benchmarks for closing traverse around the project.
- ❖ Verifying data and calculations.
- ❖ Verify Setting-out of Irrigation Sub main line, secondary line, pull boxes, valve chambers, isolation valve, tapping points, feeder pillars, water meter chambers.
- ❖ Shop drawings review as per IFC/NOC drawings.
- ❖ Setting out Design levels, Profiles & Layout of horizontal alignments.
- ❖ Researching legal documents, survey records, and land titles to clarify information about property Boundaries.
- ❖ Calculation of slopes meeting points, plotting & calculation of cross-sectional areas.
- ❖ Identifying existing utilities as per concern authorities NOC.
- ❖ Recording (OGL) existing ground level using leveling instrument.
- ❖ Supervise earthwork, Embankments layer by layer, formation, Sub Grade, Road Aggregate, Road Base, Base course, wearing course, and Binder course.
- ❖ Responsible for Supervision of all survey work within given areas.
- ❖ Able to read and understand construction drawings, and coordinate with project SRE & RE/site engineers, supervisors, and superintendents to plan upcoming survey needs.
- ❖ Calculation of quantities for all types of survey works.
- ❖ Checking of existing services as per received drawings from relevant authorities and trial pit's location. Recorded photos.
- ❖ Solving issues when needed for site surveyors and report to SRE & RE.
- ❖ Checking of construction drawings with field problems and proposing changes if required to the Site team. Preparing daily activities reports.
- ❖ Preparing working drawings by calculations through construction drawings.
- ❖ Downloading and uploading of data from survey equipment. Auto cad and civil 3D.
- ❖ Input for shop and as-built drawings.
- ❖ Supervise and inspection of as-Built drawings to verify the details and content of drawings.
- ❖ Inspections of Calibration Certificate of all survey Instruments every 6 months.
- ❖ Inspection for future Ducts, Split ducts and protection concrete Slaps.
- ❖ Checking Road profiles & Cross section.
- ❖ Snag lists preparing with photos before handover site to the client.
- ❖ Speed Hump raise hump and table hump inspection.
- ❖ Streetlight setting-out and leveling supervise as per attached approved shop dwg with INR.

➤ **Completed Projects Summary with Main Contractor in Qatar**

1. New Orbital Highway and Truck Road (P023 Contract-3) Messed Road -1 to Salwa Road.

Project Name: FIFA World Cup Al Thumama Stadium Doha ([The 40,000-Seat Stadium](#))

Client: Ashghal - Public Works Authority

Main Contractor: Al Jaber Engineering & HLG (JV) [Qatar, Doha](#)

Position: Highway Land Surveyor

Duration: May 2014 to Aug 2017

◆ **Key Duties & Responsibilities – Land Surveyor**

Performing Survey Works under the direction & guidance of the Chief Survey & Construction Managers Highway Monitoring of the Sub- Contractor & Consultant.

- Conducted **topographic surveys, site layout, and setting out** for highways, interchanges, bridges, and associated infrastructure.
- Verified design data and ensured accuracy in **alignment, elevation, and coordinates** using Robotic **Total Station, GPS (Trimble/Leica), and Auto Level** instruments.
- Coordinated with **design, construction, and quality** teams to ensure survey data met project specifications and tolerances.
- Prepared and maintained **as-built drawings, survey reports, and daily logs** in compliance with project and client requirements.
- Executed survey works for utilities (stormwater, sewer, water, electrical) and road works including pavement layers (subgrade, sub-base, base course, asphalt).
- Conducted **quantity verification, cross-section measurements**, and provided survey data for Billing and progress reporting.
- Ensured implementation of **HSE standards** during all survey operations.

◆ **Key Duties & Responsibilities – Land Surveyor in Stadium Project**

From Excavation to Final Construction

1. Pre-Construction & Excavation Phase

- **Site Reconnaissance & Boundary Marking**
 - Conduct topographic surveys to map the terrain and existing features.
 - Establish project control points (benchmarks, reference grids) for the entire site.
 - Verify legal boundaries and coordinate with design drawings.
- **Earthwork & Excavation Layout**
 - Stake out excavation limits, depths, and slopes based on design specifications.
 - Monitor excavation progress to ensure correct levels and alignment.
 - Provide cut-and-fill calculations to guide earthmoving operations.
- **Utility & Obstruction Identification**
 - Survey existing underground utilities and structures to avoid conflicts during excavation.
 - Update “as-found” records for design coordination.

2. Foundation & Structural Construction Phase

- **Foundation Setting Out**
 - Precisely mark positions for pile locations, raft foundations, or footings.
 - Verify foundation depths and positioning before concreting.
- **Structural Grid Layout**
 - Establish main axes/grid lines for columns, walls, and other structural elements.
 - Ensure verticality and alignment during column erection.
- **Subgrade & Drainage**
 - Check and set levels for drainage channels, manholes, and service trenches.
 - Confirm proper slopes to prevent water accumulation under the stadium.

3. Superstructure & Grandstand Construction

- **Steel & Concrete Structure Alignment**
 - Monitor beam, truss, and roof structure alignment (critical for large-span stadium roofs).
 - Ensure seating tiers and stands are laid out to precise curvature and spacing.
- **Precision Layout for Specialized Areas**
 - Mark out VIP areas, press boxes, locker rooms, concession zones, etc., as per architectural plans.
- **Tolerance Checks**
 - Continuous surveying to ensure deviations stay within construction tolerances.

4. Finishing & Fit-Out Phase

- **Internal Works Layout**
 - Position internal walls, partitioning, doors, and service points accurately.
- **Surface Leveling**
 - Check playing field levels (football pitch) to meet sporting regulations.
 - Verify slopes for spectator areas for comfort and safety.
- **Final As-Built Survey**
 - Prepare complete as-built drawings showing the final constructed positions of all elements.
 - Submit records to project management for handover.

2. Qatar Petroleum District Project Doha

Buildings Details: (High Raise - 9 Towers and Hotel and Energy Centre Building)

Client: Qatar Petroleum

Main Contractor: Al Jaber Engineering & Bouygues International JV. (Qatar, Doha)

Position: Facade & Civil Surveyor

Duration: October 2012 to May 2014

3. Qatar Petroleum Infrastructures Projects

Client: Qatar Petroleum Qatar

Main Contractor: Al Jaber Engineering Co. (Qatar, Doha)

(HSE Appreciation Certificate)

Position: Senior Land Surveyor

Duration: September 2010 to October 2012

- A.** Barzun on Shore Project Early Site Preparation Earth Work RAS Gas.
- B.** Site Development of New Support Service area SSA Phase 2 RAS LAFFAN Industrial City Qatar.
- C.** RAS LAFFAN Industrial City Utilities for SSA west end extension of RLC.
- D.** EPIC for wet Utilities distribution Sewerage Fire Water and Potable Water Networks for Support Area Qatar. Experience in similar large infrastructure projects.

➤ **Below Different Completed Projects Summary in Saudi Arabia**

Projects: Oil & Gas | Petrochemical | Power & Water Utility | Cement Plants | Industrial Plants ([Approved Sr, Land Surveyor](#))

1. Construction of New Process Water Storage Tank

(73.000M DIA Capacity 60,000m3)

Client: Marafiq Power and Water Utility Company Jubal & Yanbu Co.

Main Contractor: Abdullah Faleh Al Dossary & Partner Co (JV) Yanbu Steel Co.

Position: Lead Land Surveyor ([Appreciation Certificate](#))

Duration: Aug 2008 to October 2010

A. Marafiq Central Laboratory Building

Client: Marafiq Power and Water Utility Company Jubail & Yanbu

Main Contractor: Abdullah Faleh Al Dossary & Partner (JV) ([KSA](#))

B. HFO-380 New Oil 4 Storage Tanks

26.000 m DIA-Around Dike Wall (TK-8122, A8122/ B, 8122/ C, 8122/D)

Client: Yanbu Cement Company ([Saudi Arabia](#))

C. Partial Replacement of Force Main Pipe Line

Client: Marafiq Yanbu power & water Plant ([Saudi Arabia](#))

D. Kerosene Isometric Pipe Line

Client: Arab Tank Terminals Limited Company ([Saudi Arabia](#))

Main Contractor: Abdullah Faleh Al Dossrey & Partner Co.

E. Premium Gasoline Two Tanks

(91.000M DIA Capacity 6000,000 BBLs)

Client: Petro Rabigh Chemical Plant

Main Contractor: Abdullah Faleh Al Dossary & Partner Co.

Position: Lead Land Surveyor

F. Yan Sab U & O Project Sea Port Substation Building

Yanbu National Petrochemical Company ([Saudi Arabia](#))

Main Contractor: Abdullah Faleh Al Dossary & Partner Co.

G. New Propane Natural Pipe Gas Line & Metering Skid Foundations Yana Sab Plant.

Client: Saudi Aramco Yanbu ([Appreciation Certificate](#))

Main Contractor: Abdullah Faleh Al Dossary & Partner Co.

H. Waste water Sanitary Treatment Plant

Client: Petro Rabigh (JV) of Saudi Aramco & Sumitomo Chemical Engineering.

Main Contractor: Abdullah Faleh Al Dossary & Partner Co.

2. Yanbu Expansion Aramco Project NGL Plant

Client: Saudi Aramco Refinery Yanbu.

Main Contractor: Abdullah Faleh Al Dossary & Partner Co.

Position: Lead Land Surveyor

Duration: Jun 2007 to Aug 2008

◆ Key Duties & Responsibilities – Land Surveyor

1. Topographic & Control Surveys

- Perform detailed topographic surveys and establish primary horizontal and vertical control networks using Total Station, GNSS (GPS), and Digital Leveling instruments.
- Set out benchmarks, reference points, and control points across large industrial Complexes.

2. Construction Layout & Setting Out

- Accurate setting out of civil and structural elements: foundations, equipment pedestals, pipe racks, storage tanks, roads, utility corridors, and buildings.
- Aligning structures and mechanical equipment (vessels, pumps, turbines) per design coordinates and elevation.

3. Pipeline & Underground Utilities Surveying

- Survey and layout of underground networks including potable/firewater, sewer, gas, telecom, and power lines.
- As-built data collection and GIS-based mapping for underground services.

4. Verification of Contractor Work

- Ensure compliance with IFC drawings, project specs, and Saudi Aramco / Marafiq / Royal Commission standards.
- Coordinate with QA/QC team for dimensional checks and inspection approvals.

5. As-Built & Progress Reporting

- Prepare as-built survey drawings using AutoCAD / Civil 3D.
- Record progress survey reports for construction milestones and billing quantities.

6. Coordination with Engineering & Construction Teams

- Work closely with construction managers, civil engineers, mechanical teams, and consultants to resolve field-level discrepancies. Provide real time Survey support.

7. Permit & Safety Compliance

- Familiar with Work Permit System (especially in Aramco & industrial sites) including HSE regulations, confined space, hot work, and excavation permits.
- Ensure safe survey practices in high-risk zones (live plants, explosive areas).

8. Instrumentation Proficiency

- Skilled in using Total Stations (Leica, Trimble, Topcon), GNSS RTK systems, Digital Levels, and data collectors.
- Experience in 3D Laser Scanning and CAD software for plant expansion or retrofitting projects.

9. Documentation & Handover

- Maintain survey logs, field notes, calibration records, and final survey reports.
- Submit complete survey dossiers for project handover and commissioning.

3. Water & Drainage Pipe Lines Khyber City Saudi Arabia

(100mm, 200mm, 300mm & 500mm)

Client: BAL Diya Khyber City (Saudi Arabia)

Main Contractor: Yahiya Umar Abdul Moatty & Partner Ltd. Co.

Position: Land Surveyor

Duration: Aug. 2005 to Jun 2007

◆ **Key Duties & Responsibilities – Land Surveyor**

1. Pre-Construction Duties

- **Review Project Drawings & Specifications**
 - Study pipe layout drawings, longitudinal sections, and alignment plans.
 - Understand invert levels, manhole locations, slopes, and diameters (100mm, 200mm, 300mm, 500mm)
- **Reconnaissance & Control Point Establishment**
 - Conduct site inspection and verify existing benchmarks (TBMs).
 - Establish horizontal and vertical control points with proper referencing.

2. Layout & Setting Out

- **Pipeline Alignment & Route Marking**
 - Set out the centerline of the pipeline according to approved drawings.
 - Mark trench widths, manhole positions, and pipe turning points on the ground.
- **Set Out for Manholes, Chambers, and Valves**
 - Ensure exact locations of structures like manholes, catch basins, and valves.
 - Mark depths and diameters specific to pipe sizes larger excavation for 500mm
- **3. Leveling and Gradient Control - Ensure Correct Invert Levels (IL)**
 - Use leveling instruments to verify excavation depths.
 - Set correct ILs to ensure proper flow, especially for gravity lines.
- **Check Pipe Slope & Gradient**
 - Confirm slope as per design (1%, 2%) using auto-level or total station.
 - Important for proper drainage flow and avoiding backflow.

4. Monitoring During Construction

- **Daily Verification of Pipe Installation**
 - Monitor trench depth and bedding levels before pipe laying.
 - Check alignment and level after pipe placement and jointing.
- **As-Built Surveying**
 - Record actual positions and elevations of laid pipelines.
 - Prepare as-built drawings with accurate data, especially critical for maintenance.
- **Coordinate with Site Team & Engineers**
 - Work with foremen, site engineers, and QC to ensure alignment with design.
 - Report any design or site-level discrepancies.
- **Final As-Built Survey and Documentation**
 - Submit final coordinates, levels, and drawings to the consultant/client.
 - Assist in approval process and handover documentation.

➤ **Personal Information**

Senior Land Surveyor

Total Experience: 18 Years (Saudi Arabia & Qatar)

Name: MOHAMMAD ATIF

Iqama No: 2608863540

Expire date: 9/9/2026

Current Location: Al Riyadh, KSA

Driving License: (Saudi Arabia & Qatar)

Nationality: Pakistani

Work Mobile no Saudi Arabia: +966507426140

Home Mobile No: +9223042458810

E-mail: atifbutt2008@yahoo.com

Marital Status: Married

Approved as a Sr, Land Surveyor by client Saudi Aramco & PWA Qatar.....

I Certify that all the information provided by me are true and to the Best of my Knowledge.

References: References will be provided on Demand.