

Khawar Sajjad KHAWAJA

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1) Mussafah Shabiyah

Abu Dhabi /UAE

2) Oulu School of Business / University of Oulu

Oulu 90570 / Finland

Profile

Currently working with a reputable Consultant and a researcher for International Business at Martti Ahtisaari Institute, Oulu Business School.

Past a versatile, proactive and Qualified Construction Management Professional specializing in Geotechnical / Material Engineering, Masters in Construction Management from a reputed U.K university, and BS in Geological engineering from Prestigious Turkish University, having over 25 year distinguished career development with multinational geotechnical / Material testing firms in the field of engineering and project management, Aiming to move towards excellence in a competitive and challenging environment.

Career Progression:-

Senior Geotechnical Supervisor

July '19– Date

DeLeuw Cather International Limited (Parsons International)

Construction of Internal Road & Infrastructure of 354 Residential Plot in Shakbout City

Contract No: PD/CA/BPS/AT/RNil/P324-2017-DMAT/17/71

(Employer: Musanada (Abu Dhabi General Services PJSC)

Doctoral Researcher (International Business)

May '19– Date

Martti Ahtisaari Institute,

Oulu Business School/University of Oulu

Oulu. Finland

Senior Geotechnical Engineer

March '16– May '18

Arabian Construction Company

Strategic Water Storage /Recovery Project in Liwa (Contract No.: G 5809)

(Client: TRANSCO /EAD; Project Contractor: ACC-POSCO JV)

Senior Geotechnical Engineer

Nov '14 – Feb '16

Al Asab Gen. Trans. & Contg. Est.

Musanada (Abu Dhabi General Services PJSC

Design and Build for Enabling Works of Residential Complex for Employees

Of Governmental Companies and Agencies at Al Ruwais, Al Gharbia, Abu Dhabi

Tender No. : P167-T/BPS/077/14

Senior Geotechnical Engineer (Offshore)

Sep '13– Oct '14

COWI GULF A/S

Dredging and Land Reclamation for Upper ZAKUM Artificial Islands

(Agreement No. 116003C1) (Client: ADNOC; Project PMC: COWI)

Senior Geotechnical Engineer

Aug '11– Aug '13

Arabian Construction Company

Strategic Water Storage /Recovery Project in Liwa (Contract No.: G 5809)

(Client: ADWEA/TRANSCO /EAD; Project Contractor: ACC-POSCO JV)

Senior Geotechnical Engineer

Jan '10 – Aug '11

Al Asab Gen. Trans. & Contg. Est.

Abu Dhabi Polymers Co. Ltd. (BOROUGE)

BOROUGE 3 PROJECT – SITE PREPARATION, AGREEMENT No. SP/09/B3/007

Khawar Khawaja

Material Engineer

NUROL L.L.C, Abu Dhabi, UAE.

SHAMS ABU DHABI PROJECT ON REEM ISLAND (Contract No. SHM-04-R-BRU-C-00)

Construction of Bridges, Duct Bank Crossings and Canals under Bridges

Dec '07 – Jan '10

Geotechnical/Material Engineer / Project Coordinator

FUGRO Middle East, Abu Dhabi / Dubai, UAE.

Mar '00 – Nov '07

Piling / Junior Site Engineer

IMPERGILLO - RIZANNI DE ECHER JV

(May '98 – Jun '99)

Jan '00 – Mar '00

Project Coordinator /Site Engineer (Piling)

STFA-Temel Pile Construction Co., Istanbul, Turkey.

Sep '93 – Dec '99

Summary of Experience: (Over 19 Years of Experience in Arabian Gulf, Turkey and Pakistan).**(Geotechnical Works including Construction Projects, Geotech. Investigation & Piling Works)**

- Site Management and organization for Geotechnical works and piling works including execution of onshore and near-shore piles for multi-million dirham projects
- Supervision and project controls for all Geotechnical matters during planning and execution stage
- Supervision of various ground investigations for onshore, offshore and near-shore projects in the Arabian Gulf for prestigious clients
- Reviewing contract documents and administrating all issues related to the project in conjunction with project manager in accordance with company's procedures
- Liaison with the HSE and/or quality department for the preparation and publishing of project safety and or quality manuals in accordance with contract conditions
- Identify scope of any additional works and technical upgrades not covered in the contract to enhance the project deliverables and improve Company's revenue.
- Ensuring that only approved procedures/ documentation applicable to construction activities
- Reviewing installation and production progress associated test results and assess all relevant issues in coordination with the client representative and other concerned parties
- Monitoring geotechnical work testing and reporting, including associated measuring and test equipment calibration and operator qualifications
- Identifying of quality related problems for the initiation of suitable approved corrective and preventive actions and successful implementation.
- Leading a team of technical / manual personnel and maintain harmonious working relationships.
- Making plan & schedule of labour, material and equipment efficiently and within set time frames
- Ensuring that the necessary technical information is conveyed clearly to the supervisors
- Maintaining effective lines of communication between the implementation and execution functions
- Effective handling of client's complaint and to help maintain client satisfaction
- Review and evaluate technical submittals prior to submission to consultants and clients according to required project standards.
- Interpreting instructions and related information into meaningful and accurate work directives, drawings and guidelines.

B. (Material / Laboratory Engineer)

- Conduct and supervise marine and land geotechnical investigation works testing and construction's materials testing activities.
- Authoring method statements for tests and training of staff for testing and supervision.
- Final review of staff's prepared reports prior to dispatch
- Maintenance of staff performance data.
- Supervision of compaction assessment activities for the infrastructure works and materials testing

- deploying various applicable techniques
- Technical survey of quarries/borrow pit areas for aggregates to ensure its suitability and uninterrupted supply.
- Supervision of material testing and evaluation for suitability and compliance
- Supervision of green concrete trial mixes, batching, castings and testing of green and hardened concrete for its quality and durability compliance requirements.
- Supervision of asphalt concrete batching, paving and testing for its quality and durability compliance requirements.
- Supervise quality control on site as well as on suppliers and manufactures of elements such as thermoplastic and thermosetting pipes & fittings, green concrete batching, placements and testing, metal casting, fabrication and testing, asphalt concrete batching, paving and testing, protective paints, coatings and sheet membranes application and testing.
- Design, performance evaluation and development of statistically data of construction materials (i.e. green concrete and asphalt mixes, etc.)

C. (Field testing Engineer)

Carrying out and processing / analyzing in-situ testing, including

- Cone penetration testing (CPTs),
- Plate load test,
- Permeability tests (packer, pumping well test, falling / rising head, percolation),
- Pressure meter testing,
- Geophysical testing (Down-hole, verticality),
- Environmental sampling.
- Extensive experience of geotechnical logging/ engineering logs & laboratory schedules, factual and engineering geotechnical for various industrial projects.
- Routine material physical and chemical testing supervision (including PSD, AL, Shear, Compaction, CBR, UCS, PLT, gypsum content, organic and carbonate content etc.)

Countries Worked in:

Project Coordination and Supervision of various piling and geotechnical site investigation projects in Turkey, Pakistan, UAE, Qatar and Oman. Worked Off-shore in the Persian/Arabian Gulf

Summary of few Major Projects & Clients:-

(Piling Projects)

Reconstruction of berths at East Wharf for Karachi Port Trust (Karachi, Pakistan);

Contractor : STFA Construction and STFA Temel Pile JV (Turkish)

Consultants : Scott Wilson Kirkpatrick (UK)

Grand mosque for Sheikh Zayed 2, Abu Dhabi (UAE);

Contractor ; Impergillo – Rizzani De Eccher JV (Italy)

Consultants : Tractabel Khaleej (Belgium)

(Ground investigations for some of the Onshore, Offshore and Near-shore Projects)

- ULG / LSGO Project for ADNOC Ruwais Refinery, Abu Dhabi. (UAE),
Project Contractors: Technip (Italy)
- 1550 MW IWPP for Arabian Power Company at Umm Al Nar, Abu Dhabi (UAE): The project included Power Plant, Desalination Plant and Switchgear Building;
Project Contractors: Toshiba (Japan)
- Flare Mitigation Project for Qatar Petroleum at NGL Plant, Mesaieed, Qatar; Project Consultants : Stone and Webster (United Kingdom)
- Feed For ADNOC Irshad Jetty, Ruwais, Emirate of Abu Dhabi (UAE); Project Consultants : Hyder Consulting Limited

- GASCO Expansion Project: The project included a 40 km long 36" gas pipeline (Bu Hasa to Habshan) and construction of Gas Processing Unit at Habshan, Abu Dhabi (UAE); Project Consultants: Fluor (United Kingdom)
- Sohar Refinery Project, Sohar, Sultanate of Oman; Project Consultants : Japan Gas Cooperation (Japan)
- Qatar Shell GTL Project: Ras Laffan, Qatar; Project Client: Shell Global Solutions (Netherlands)
- GASCO Jetty and Berth Expansion At Ruwais Industrial City, Emirate of Abu Dhabi, UAE; Project Client: GASCO (ADNOC), Abu Dhabi (UAE)
- Foroozan and Esfandiar Fields Pipeline (option 2), off shore, Iran, Persian Gulf; Project Client: PEDCO / IOEC (Iran)
- FEED for Borouge Extension Project (Borouge 2): at Borouge (Petrochemical Plant in Ruwais) Abu Dhabi). Project Client: Borouge. Worked on 2 phases of the project.
 - 1) Project Contractors: M/S Samsung (Korea)
 - 2) Project Contractors: AJES (Abu Dhabi)- Technicas (Spain)

Field Experience (Short Duration)

(Oil Well Drilling)

- Conductor pipe installation for ND21 and ND17 in Habshan area (Abu Dhabi) from Jul '99 – Aug '99 for ADCO, Abu Dhabi, UAE
- Honorary (Student) Trainee at Oil Well Drilling Misakiswal – 3 & Sadkal-3 Geological Reservoir Laboratories, OGDC, Islamabad, Pakistan from Oct '92 – Nov '92 for Oil & Gas Development Corp., Islamabad, Pakistan

(Drilling of Water wells)

Summer Practice (Trainee Student) in Samsun, from Aug '91 – Sep. '91 for Iller Bankasi, Ankara, Turkey

(Geochemical Analysis of Industrial Waste)

Summer Practice (Trainee Student) arranged by International Association for Exchange of Students for Technical Experience, (I.A.E.S.T.E) from Jul '88 – Aug '88 at Federal Institute of Geosciences & Natural Resources, Hannover, Federal Republic of Germany

Educational Qualification

Doctoral Researcher (Ongoing) Oulu Business School, University of Oulu, Oulu, Finland	(2017 – to-date)
MSc. Construction Management Heriot Watt University, Edinburgh, U.K (Dubai Campus)	2008
BS Geological Engineering Middle East Technical University, Ankara, Turkey.	1993
One-Year Executive MBA Program (Major Project Management) School of Business & Commerce, Preston University, Islamabad, Pakistan	1996

Technical Training

- Sea Survival and Helicopter Escape
- Induction courses for Permit to Work at GASCO, ADCO, Takreer (Abu Dhabi) and Qatar Petroleum (Qatar),
- Basic First Aid
- Defensive Driving

- Basic Safety training at Oil & Gas Field in the Middle East
 - Basic H₂S survival and escape
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Computer

Well versed in MS Office (Word, Excel & PowerPoint), Internet and E-mail applications

Memberships

- Member of the *Pakistan* Geotechnical Engineering Society (*PGES*)
 - Fellow of the Geological Society of London
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Personal Information

Date & Place of birth	:	09 May 1968, Benghazi, Libya.
Nationality	:	Pakistani
Passport No.	:	BH 4196633
Marital Status	:	Married
Languages	:	Urdu, English, Turkish, Arabic and Punjabi.
Driving License	:	UAE Driving License Holder

References: Available on request