



Concrete, Geotechnical & Structural Repairs That Last

Repair, strengthening and rehabilitation of concrete structures for buildings, infrastructure and industrial assets across the UAE.

30+

Years of experience

300+

Projects delivered

100+

Clients served

COMPANY PROFILE

Dubai | Abu Dhabi | tcrgroup.ae | info@tcrgroup.ae

ABOUT TCR

Engineering that protects assets and extends lifespan

TCR Group is a UAE engineering company specialising in concrete repair, structural strengthening and geotechnical solutions. Operating across geotechnical and structural domains, TCR delivers ground improvement, structural strengthening and rehabilitation of critical assets. The focus is on solving complex site conditions, reducing risk and improving long-term performance.

Every solution is engineered to improve stability, extend service life and reduce risk in demanding project conditions. With offices in Dubai and Abu Dhabi, TCR serves buildings, infrastructure and industrial assets across the region.

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OUR VISION

To be the trusted leader in geotechnical and structural engineering solutions, delivering safer foundations, stronger structures, and long-term value across every project.

OUR MISSION

To provide innovative, reliable, and cost-effective engineering services that solve complex ground and structural challenges, while exceeding client expectations through quality, safety, and technical excellence.

OUR APPROACH

How we work

A methodology refined across hundreds of projects: deliberate, documented, and built to perform under scrutiny.

01**Engineering-first mindset**

Every decision is anchored in analysis, not assumption. We lead with calculation, modeling and verification.

02**Safety and compliance**

Uncompromising adherence to international standards and site protocols at every phase of delivery.

03**Efficient onsite execution**

Disciplined project workflows, mobilised teams and proven equipment for predictable, on-time outcomes.

04**Long-term performance**

Solutions engineered not for handover, but for decades of operational durability and asset value.

OUR TEAM

Experts driving every project

Abdulrahman Al Nahabi

Founder & Managing Director

Abdulrahman Al Nahabi is the Founder and Managing Director of TCR, a company specialising in structural engineering, concrete repair and rehabilitation solutions across the UAE. With a strong background in construction and engineering, he has led the delivery of complex projects involving structural strengthening, restoration and long-term asset protection.

His expertise lies in identifying structural challenges early and implementing practical, performance-driven solutions that extend the lifespan of critical infrastructure. Under his leadership, TCR has built a reputation for technical reliability, quality execution and a solutions-focused approach to construction challenges.

Management team

Name	Role
Emad Solaiman	Operations Manager
Eng. Farhan Al Abid	Area Manager
Dr. Barur Karthik	Technical Director
Alex Joseph	Finance Manager
Mohamed Abbas	HR Manager
Jassim Assaf	Workshop & Plant Manager
Mohammed Irshad	Safety Manager
Ahmad Imran	Procurement

STRATEGIC PARTNERS

Global expertise. Local delivery.

Through strategic partnerships with industry leaders, TCR Group strengthens its capabilities and expands the value delivered to clients across the region and beyond.

Terra Firma Ground Engineering

GROUND ENGINEERING SPECIALIST

Regional ground engineering specialist delivering large-scale, turnkey soil improvement solutions.

AccesSQL Group - AccesBTP

RESIN INJECTION | FRANCE

French engineering group specialising in foundation stabilisation and expansive resin injection (ACCA®SF), working with TCR to bring the process to the UAE and GCC.

CAPABILITIES

Integrated structural & geotechnical capability

TCR's services span three connected disciplines, from engineering-led assessment and design through to specialist site execution.

Design & Analysis

Engineering-led assessment, modeling and code-compliant repair design strategies.

- Structural Assessment
- Structural Modeling & Strengthening Design
- Geotechnical Modeling & Design

Geotechnical

Ground investigation, soil diagnostics and engineered foundation stabilisation expertise.

- Compaction Grouting
- Permeation Grouting
- Jet Grouting
- Hydrafracture Grouting
- Micropiles
- Consolidation Grouting
- Slope Stabilization
- Tube-A-Manchette Grouting
- Cavity Grouting
- Chemical Grouting

Structural & Civil

Concrete repair, structural strengthening and civil rehabilitation execution.

- Carbon Fibre Reinforcement Polymer (CFRP)
- Waterproofing
- Crack Injection
- Patch Repair
- Jacketing
- Complete Retrofitting

SELECTED WORK

Projects delivered

Geotechnical projects

Project	Scope
Yas Marina Circuit F1 Racetrack	Racetrack modification for 2021 Formula One
Citizen Houses	Ground improvement works for damaged citizen houses
Hulaila Warehouses	TAM grouting and refurbishment
Shamkha Medical Center	Differential settlement due to liquefaction of the strata
Abu Dhabi Future School	Mitigation of the geotechnical and structural problem
Tanveer Hall	Mitigation of the geotechnical and structural problem
Drydocks World Staff Accommodation	Junior staff accommodation for Port Rashid
Khalifa City Residential Compound	Differential settlement and liquefaction

Structural projects

Project	Scope
Carlton Hotel Deira, Dubai	Structural strengthening works
Commercial Business Bay Tower	Structural repairs and leakage treatment
Radiant Square Project	Delamination of raft slab in basement
Atrium Towers Plot	Strengthening of piles at C23-C24 Sector No. RT3
Sharjah Sports Club	Structural repair works at Samnan Branch
Martyr's Square	Remedial / strengthening works for visitors building
Marina Mall	Structural modification works including void filling
Circle Mall JVC	Structural changes to accommodate new leasable area
Paragon Bay Mall	Structural strengthening
Rayyana Boundary Gabion Wall	Gabion wall, Rayyana boundary wall Phase 2

EQUIPMENT

Built to deliver performance on every site

A robust fleet of specialised machinery designed to handle complex ground and structural challenges with precision, reliability and scale.

Category	Machines (quantity)
Grout Pumps	Metax MP5-470 (jet grouting) x1; Son Mak EP100 x1; Son Mak EP150 x1; Gaodetec LEC XTB-2B (jet grouting) x1; Obermann HD 115 (jet grouting) x1; Chem Grout CG-550 x8; Techniwell TW CJU (jet grouting) x1
Drilling Rigs	Soilmec SM 401 (jet grouting) x1; Klemm KR806 (double head) x1; Klemm KR 401-2 (jet grouting) x1; Casagrande C6 x1; Casagrande C6XP x1; Tescar TES20 x1; Bereta T21 x2; Bereta T43 x2; Mait 405 x1; Hutte HBR 504 x1
Concrete Repairing Pumps	Putzmeister P13 x3; Putzmeister MP25 x4; Putzmeister SEVTM x2; Reed Sova shotcrete pump (dry method) x1
Concrete Pumps	Reed B20 BF4M x2; Mecbo Car P6 x1
Air Compressors	Atlas Copco XAHS950 CD x1; Atlas Copco XAS 97 x1
Central Grout Mixing Plant	Central grout mixing batch plant, 25 m3/hour capacity x2
Chemical Grout Equipment	WIWA 2K injection pump x1; Desoi pull device H-1 x1; inflatable packers x15; lenses extraction x2
Other Equipment	Coring machines x2; water jet machines x2; welding machines x3; water tanks x6; cement storage silo x1; steel cutting machines x3; steel bending machines x2

CERTIFIED TO INTERNATIONAL STANDARDS

Our commitment to excellence

TCR is certified to internationally recognised ISO standards, reflecting its dedication to quality, environmental responsibility, and the health and safety of its people.

ISO 9001

Quality Management

ISO 14001

Environmental Management

ISO 45001

Occupational Health & Safety

Health, Safety & Environment

TCR Group is committed to acting responsibly by providing regular safety awareness training and competency development, with the participation of all employees, to:

Zero harm. Achieve zero harm, injuries and loss of life.

Healthy workplace. Maintain safe, healthy and hygienic working conditions.

Continuous improvement. Continually improve the working environment.

Safety is everyone's responsibility. TCR empowers its people with the knowledge, tools and culture to work safely and protect the environment.

Sustainable engineering that performs

TCR designs and delivers engineering solutions that reduce environmental impact while maintaining structural performance and long-term reliability. From optimised material use to efficient ground improvement methods, every project is executed with a focus on durability, resource efficiency and responsible construction practices.

GET IN TOUCH

Have a structural challenge? Get a solution engineered for your project.

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