

MRE

Mas Rock Engineering

COMPANY PROFILE

Specialists in drilling, blasting, and rock engineering solutions for infrastructure, mining and land development projects across the UAE.



Fujairah Trade Centre, Office 603 Hamad Bin Abdullah Street
PO Box 2889, Fujairah United Arab Emirates

📞 971 (9) 238 7895

📠 971 (9) 223 0043

✉️ mre@mengineering.ae

www.mengineering.ae

Contents

- **Introduction, 3**
 - Our Mission, 3
 - Our Vision, 3
- **Our Commitment, 4**
 - Health, Safety & Environment, 4
 - Quality Policy, 4
 - Sustainability & Environmental Responsibility, 4
 - Ethics & Compliance, 4
- **Services, 5**
 - Drilling & Blasting, 5
 - Quarry Planning & Development, 5
 - Slope Stabilisation & Rock Support, 5
 - Earthworks & Excavation, 6
 - Surveying & Technical Support, 6
- **Our Equipment, 7**
- **Appendix A Organisation Structure & Key Personnel, 8**
- **Appendix B Project References, 20**
- **Completed Projects, 25**
- **Currently Ongoing Projects, 26**
- **Appendix C Certificates & Registrations, 33**

Introduction

Mas Rock Engineering (MRE) is a dynamic and rapidly growing specialist contractor in the fields of drilling, blasting, and rock engineering, head-quartered in Fujairah, United Arab Emirates. Established to address the increasing demand for precision-driven geotechnical and excavation services, MRE operates with the strategic backing of Eastern Mining Company (EMC), and delivers solutions across infrastructure, land development, tunnelling, and mining sectors. While the company itself is new, the strength of MRE lies in its people. Our leadership and technical teams include some of the most seasoned professionals in the region – mining engineers, blasting specialists, project managers, and civil engineers – many of whom have held senior roles on nationally significant infrastructure, tunnelling and reclamation projects across the UAE, Oman, Saudi Arabia, and beyond. Collectively, they bring decades of direct hands-on experience in both execution and management of complex, large-scale projects. MRE’s operations are supported by a fleet of modern drilling rigs, an in-house team certified by UAE and international blasting authorities, and a project management approach rooted in efficiency, environmental stewardship, and safety excellence. We offer full-cycle services from site investigation and planning to precision execution and post-blast assessments.

Our Mission

To deliver safe, reliable, and innovative drilling and blasting services that support the development of critical infrastructure across the UAE and wider region. We are committed to applying our technical expertise and operational rigour to every project, ensuring cost-effective execution, minimal environmental impact, and long-term value for our clients.

Our Vision

To be the most trusted name in rock engineering and controlled blasting in the UAE – known for our experienced people, our precision, and our ability to solve the region’s toughest geotechnical challenges with safety and integrity at the core of everything we do.



Our Commitment

At Mas Rock Engineering (MRE), our success is built on a foundation of operational discipline, technical integrity and an unwavering commitment to safety, quality, sustainability and ethical conduct. These core values guide how we work - with our clients, our partners, our employees and the communities in which we operate.



Health, Safety & Environment

Safety is not negotiable. MRE operates with a “zero harm” mindset and a strong HSE culture embedded across all levels of the organisation. Our teams strictly follow internal safety protocols, industry best practices and UAE legal requirements, reinforced by our certification to ISO 45001:2018 Occupational Health and Safety standards.

We are committed to providing a safe and healthy work environment for our personnel, clients and stakeholders. Our operations include comprehensive risk assessments, daily toolbox talks, hazard identification processes, and rigorous incident reporting and analysis.



Sustainability & Environmental Responsibility

As a responsible contractor, MRE is committed to minimising environmental impact. With certification to ISO 14001:2015, our Environmental Management System ensures all drilling and blasting operations are conducted in a controlled and compliant manner.

We take proactive measures to manage vibration, dust, noise, and emissions. Wherever possible, we promote resource efficiency, waste reduction, and the use of environmentally conscious materials and techniques. Environmental stewardship is integral to the long-term viability of our business - and of the communities we work in.



Quality Policy

MRE is dedicated to delivering technically sound and reliable outcomes. Our ISO 9001:2015 certification reflects our robust Quality Management System, which ensures that each stage of our operations - planning, execution, and reporting - is subject to continuous oversight and improvement.

We believe quality is not an outcome but a process - driven by accountability, adherence to specifications, and the competence of our people. Each project is monitored by our internal quality team to ensure compliance with project standards and client expectations.



Ethics & Compliance

Integrity and transparency are fundamental to MRE’s business conduct. We maintain strict compliance with applicable laws, regulatory frameworks, and client-specific protocols. Our internal governance promotes responsible decision-making, non-discriminatory practices, anti-corruption principles, and fair labour conditions.

We hold our staff, subcontractors, and suppliers to the same high standards. Ethical behaviour is expected, monitored, and enforced as part of our daily operations and long-term business sustainability.

Services

Mas Rock Engineering (MRE) offers a comprehensive suite of rock engineering services tailored to the needs of infrastructure, mining, utilities, and land development projects. We bring together technical proficiency, practical experience, and a dedicated fleet of specialised equipment to deliver precise, safe and efficient solutions in demanding environments.

Drilling & Blasting

We provide surface and controlled drilling and blasting services across a range of sectors, including:

- Bulk rock excavation for road corridors, platforms and large-scale earthworks
- Pre-split and controlled blasting near sensitive structures or utilities
- Tunnel and shaft blasting, including access tunnels, underground storage, and caverns
- Trench blasting for pipeline and utility corridors
- Close-proximity and cautious blasting in constrained or urban environments

Our team is fully licensed in the UAE and experienced in vibration control, blast pattern design, and the safe handling of commercial explosives.

Quarry Planning & Development

MRE supports quarry operators and developers with:

- Drill and blast services tailored to crushing and screening requirements
- Bench design, haul road optimisation, and operational planning
- High-accuracy 3D face profiling and fragmentation optimisation
- Assistance with Fujairah Natural Resources Corporation (FNRC) compliance and monthly volume reporting

We work with major quarries throughout Fujairah and the Northern Emirates to deliver high production rates with strict adherence to regulatory standards.

Crushing Plant Operations

MRE operates and maintains crushing and screening plants for the processing of blasted rock into graded aggregates and engineered fill.

With a focus on process efficiency and output consistency, MRE applies structured production workflows tailored to project requirements and end-use specifications. Our teams oversee plant configuration, feed management, and preventive maintenance to minimise downtime and ensure continuous production.

Where required, MRE supports material testing and quality verification in line with project specifications and local authority standards.

Slope Stabilisation & Rock Support

Our expertise in steep terrain and rock mechanics enables us to provide:

- Drilling at Height using suspended rigs or custom-fabricated access systems
- Rock Bolting, Dowels, and Anchors
- Shotcreting and Wire Mesh Installation
- Scaling and Removal of Unstable Blocks

People in MRE were the part high-profile stabilisation projects on infrastructure and hydro-power developments such as the Hatta Pumped Storage Project and Etihad Rail.

Earthworks & Excavation

We execute selective excavation and bulk earthmoving works as part of integrated scopes or standalone packages, including:

- Platform preparation
- Trench excavation
- Overburden removal
- Backfilling and grading

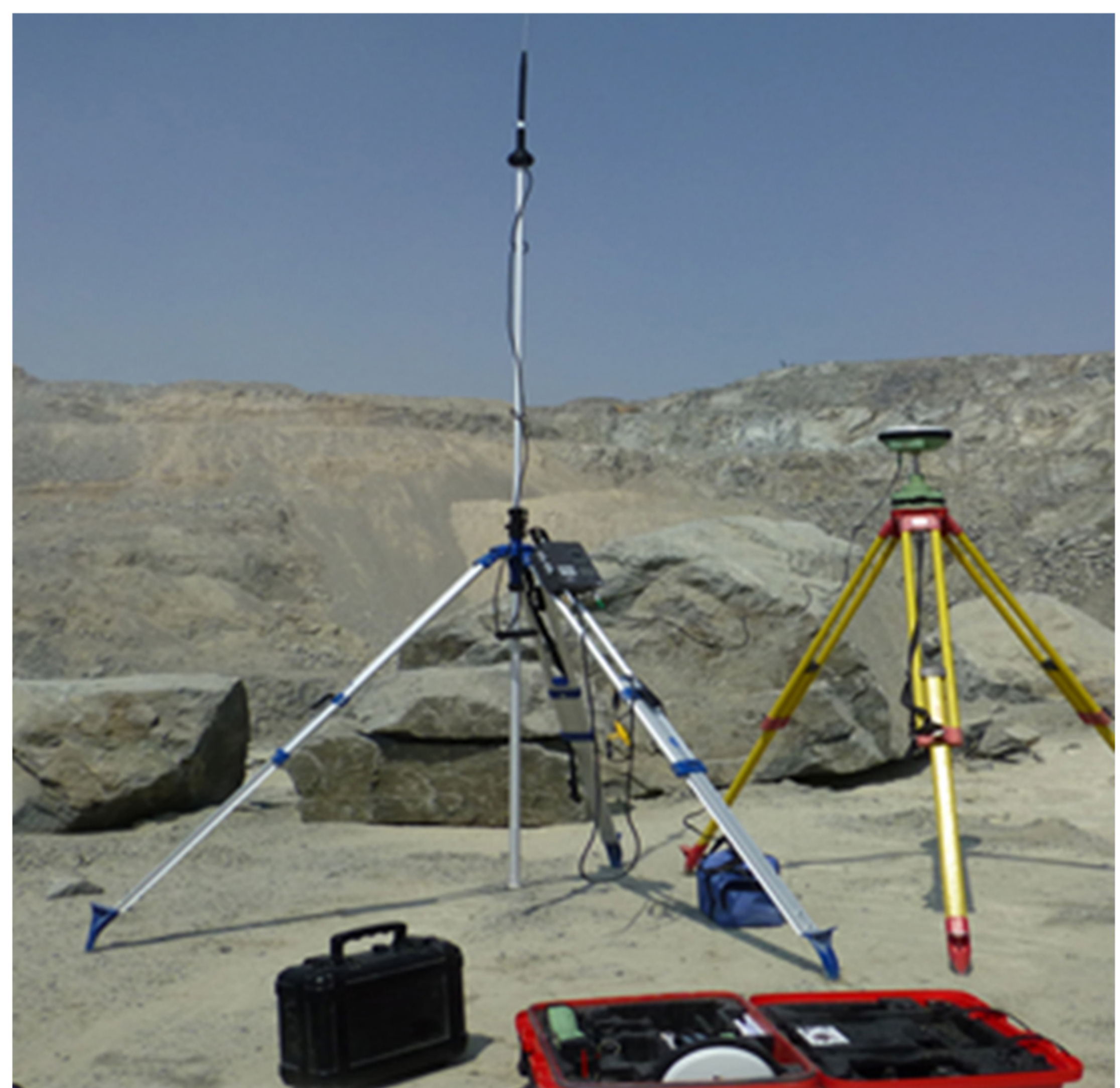
Our in-house plant and experienced site teams ensure efficient execution across varied terrain and soil types.

Surveying & Technical Support

We provide a range of geospatial and technical services to support planning, execution and compliance, including:

- Topographic surveys using drones, total stations, GPS and 3D scanners
- Specialised surveying for tunnelling projects, hydro projects, and major road infrastructure works
- Blast monitoring (vibration, noise, air overpressure)
- Quarry and tunnel surveying, including borehole deviation measurement and 3D face profiling
- Stockpile, volume, and mining plan surveys, including detailed reporting for production tracking and compliance

Our technical team ensures high accuracy and real-time feedback to optimise field operations and maintain data integrity.



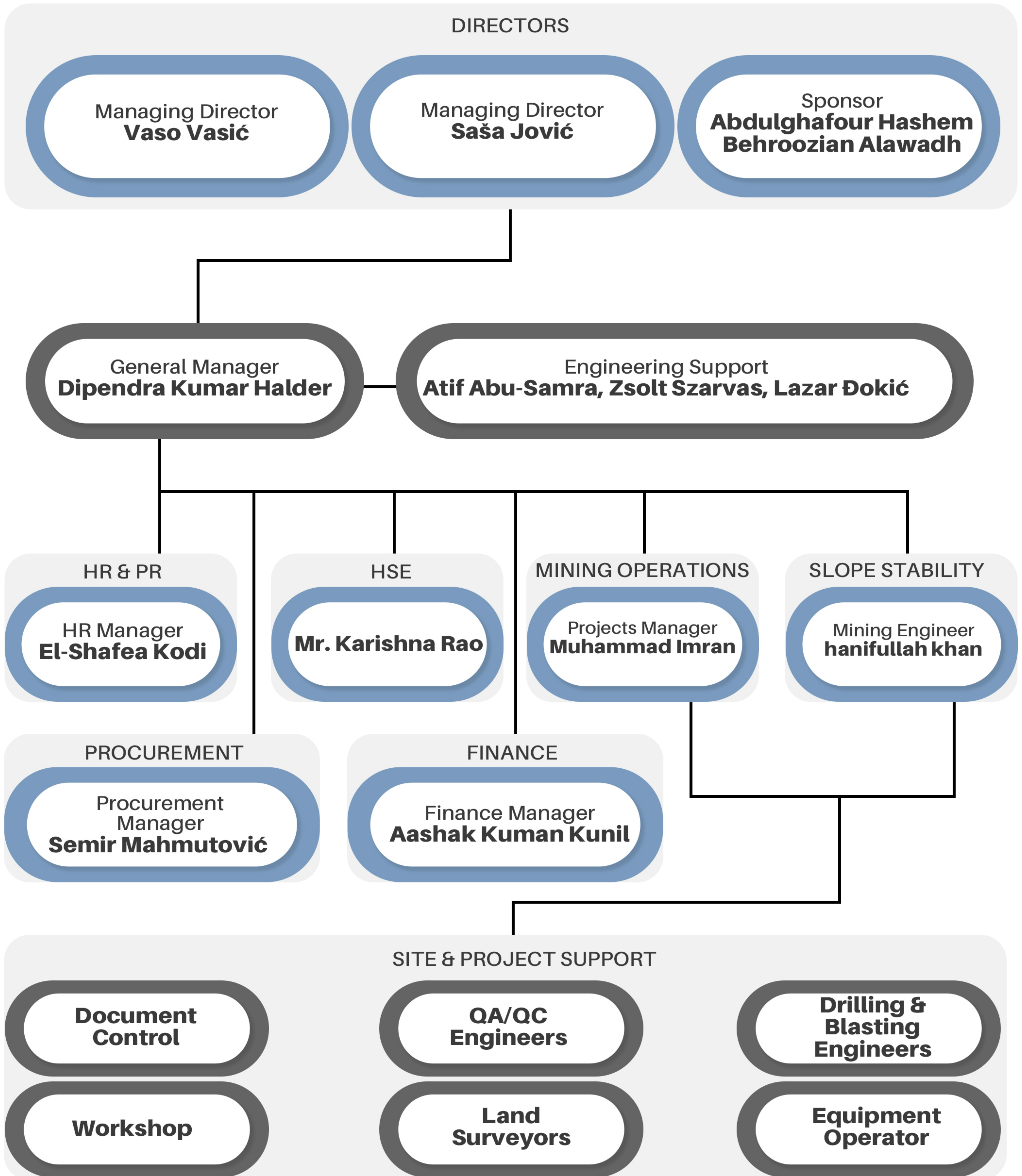
Our Equipment

#	Model	Serial No.	Year	Engine Serial	Registration
1	FlexiROC T35	TMG22SED0423	2022	G9R10398	28759
2	FlexiROC T35	TMG23SED0069	2023	G9R10796	28758
3	FlexiROC T35	TMG23SED0044	2023	G9R11660	81316
4	FlexiROC T35	CNN23SED0039	2023	G9R11661	81314
5	FlexiROC T35	CNN23SED0038	2023	G9R11707	28761
6	FlexiROC T35	CNN23SED0040	2023	G9R11657	28760
7	FlexiROC T35	CNN24SED0050	2024	G9R11658	28291
8	FlexiROC T35	CNN24SED0051	2024	G9R11659	28279
9	FlexiROC T35	CNN23SED0132	2023	G9R12070	28629
10	FlexiROC T35	CNN23SED0131	2023	G9R11659	26827
11	FlexiROC T35	CNN23SED0183	2023	G9R12073	27469
12	FlexiROC T35	CNN25SED0072	2025	G9R13345	42137
13	FlexiROC T35	CNN25SED0073	2025	G9R13346	42136
14	FlexiROC T35	CNN25SED0074	2025	G9R13347	39943
15	FlexiROC T20	CNN25SED0075	2025	G9R13394	39941



Appendix A

Organisation Structure & Key Personnel



Appendix B

Project References

Relevant Roads & Infrastructure Experience of MRE Key Personnel

Although Mas Rock Engineering (MRE) is a relatively new entity, its leadership and technical personnel bring decades of combined experience in delivering high-risk, technically demanding road, tunnelling, and infrastructure projects across the UAE and the wider region. Their past roles include project management, full-cycle drilling and blasting delivery, technical supervision, and compliance across major government and private sector initiatives.

Key examples of this experience include:

Saša Jović - Managing Director

Fujairah Northern Land Reclamation Project (FNLRP-5C) - FOIZ
Managing Director overseeing strategic project development and execution.

Hatta Pumped Storage Hydro Power Plant (PSHPP) - DEWA
General Manager, responsible for controlled blasting works across tunnel, slope, and access road excavation.

Etihad Railway, Package 2D - Etihad Rail
Oversaw major tunnel and slope blasting works.

Khasab to Tibat Coastal Road Project (Oman) - Ministry of Infrastructure
Directed marine reclamation-related drilling and blasting operations.

Dipendra Kumar Halder - General Manager

Mandous Underground Oil Storage Project - ADNOC
Head of Blasting - full responsibility for underground blasting activities.

Hatta Pumped Storage Hydro Power Plant (PSHPP) - DEWA
Led drilling and blasting activities, including tunnel face excavation and rock support.

Al Bidya Tunnel - Dibba-Khorfakkan Ring Road - MOEI
Performed controlled tunnel blasting.

Maliha Road Link to E99 Road, Khorfakkan - MOEI
Head of Drilling & Blasting - responsible for all blasting activities.

Sharjah 142 Road (RF100 Section) - Sharjah Roads & Transport Authority
Drilling and blasting operations for slope and trench formation.

Muhammad Imran - Project Manager (Drill & Blast)

Etihad Railway, Package 2D - Etihad Rail / CRCC NPC JV

Project Engineer - executed blasting for T3 Tunnel, escape tunnel, and open-cut slopes.

Hatta PSHPP - STRABAG-OZKAR JV

Lead engineer for tunnel blasting, access roads, and portals.

M-Project Underground Caverns - ADNOC / SK Engineering

Blasting works beneath sensitive hydrocarbon infrastructure.

Development of Maliha-E99 Link Road - MOEI

Managed road corridor blasting.

Duqm Pipeline Trench Project, Oman - Oman Gas Company

Trench blasting and open-cut blasting operations.

Bid Bid to Sur Road Project, Oman - Ministry of Roads

Controlled blasting across mountain terrain.

Hanifullah Khan - Drilling & Blasting Engineer

Red Sea Desert Rock Hotel Project (KSA) - Red Sea Global

Tunnel and quarry blasting using NONEL and detonating cord systems.

Dassu Hydropower Project (Pakistan) - WAPDA

Tunnel blasting and shaft excavation.

Sharjah-Khorfakkan Road Project, RF100 Section

Drill & Blast Engineer - executed controlled blasting for road slopes.

Bestway Cement Quarry Operations (Pakistan)

Engineer responsible for controlled limestone blasting and haulage.

Praveen Kumar - Drilling & Blasting Engineer

Navi Mumbai International Airport (India) - CIDCO / NMIAL

Executed India's largest civil controlled blast (156,653 m³) for hill cutting in urban zones.

FOIZ Spare Area Land Development (UAE) - Ecomar

Blasting for platform and slope formation.

Baroi & Dariba Mines (Hindustan Zinc Ltd)

Production and development blasting for underground mines.

Hutti Gold Mines (India)

Drilling and blasting in narrow-vein gold deposits.

Abdul Khadeer - Drilling & Blasting Engineer

Lootah Quarry Operations, Fujairah (UAE)

Planned and executed controlled quarry blasts; prepared FNRC reports and blasting approvals.

Sri Balaji Cement & Power Ltd (India)

Managed limestone blasting operations for cement manufacturing.

JSW Group (South West Mining Ltd)

Blasting engineer for large-volume quarry and trench operations.

Hutti Gold Mines (India)

Engineer for stope development and shaft excavation.

Reference Projects Summary Table

Project Title	Client	Consultant	MRE Personnel	Role
Sharjah-Khorfakkan Road Project (RF100 Section)	Sharjah Roads & Transport Authority	Not specified	Hanifullah Khan	Drilling & Blasting Engineer - road slope and trench blasting
Development of Maliha Road Link to E99 Road	Ministry of Energy & Infrastructure (MOEI)	IDROESSE	Dipendra Kumar Halder, Muhammad Imran	Head and Project Engineer - Drilling & Blasting for road link formation
Al Bidya Tunnel - Dibba-Khorfakkan Ring Road	Ministry of Energy & Infrastructure (MOEI)	Not specified	Dipendra Kumar Halder	Performer - Tunnel blasting and excavation
Etihad Railway, Package 2D	Etihad Rail	Jacobs	Saša Jović, Muhammad Imran	Oversight and execution of tunnel and slope blasting
Hatta Pumped Storage Hydro Power Plant (PSHPP)	Dubai Electricity & Water Authority (DEWA)	EDF	Saša Jović, Dipendra Kumar Halder, Muhammad Imran	Project Management and Drilling & Blasting Execution for tunnels, slopes, portals and roads
Mandous Underground Oil Storage Project	Abu Dhabi National Oil Company (ADNOC)	GeoStock	Dipendra Kumar Halder	Head of Drilling & Blasting (Halder), Blasting Foreman (Baptist) for cavern excavation

Completed Projects

Mas Rock Engineering (MRE) has successfully delivered drilling, blasting, and earthworks services for major land development and infrastructure projects across the United Arab Emirates. Our completed projects demonstrate our ability to execute complex scopes safely, efficiently, and in compliance with the highest technical and environmental standards

The table below summarises projects completed by MRE:

Project Name	Client	Consultant	Contractor	Value (mAED)
Land Development of Spare Area 1, Fujairah, UAE	Ecomar Energy Solutions	MUC Engineering	Jabal al Noor Transport & Contracting	3
Fujairah Northern Land Reclamation Project - 5C	Fujairah Oil Industrial one	MUC Engineering	Eastern Mining Company	45

Currently Ongoing Projects

Mas Rock Engineering is currently engaged in a number of critical quarrying, infrastructure, and flood protection projects across the UAE. These ongoing works reflect MRE’s capability to manage highvolume production requirements, execute complex technical scopes, and support national infrastructure development initiatives.

Our current project portfolio includes:

Project Name	Client	Consultant	Contractor	Value (mAED)
Fujairah National Quarry	Fujairah Building Industry	-	Mas Rock Engineering	5
Combined Mining & Shipping Quarry	Combined Mining & Shipping - CMS	-	Mas Rock Engineering	10
AL Futtaim Colas Gabbro Quarry	AL Futtaim Colas	-	Mas Rock Engineering	8.5
AL Bahar Quarry	Al Bahar Crusher	-	Mas Rock Engineering	10
Emirates Rock Quarry	Emirates Rocks LLC	-	Mas Rock Engineering	20
Flood Protection Dams Eastern & Northern Coast (Package 1)	Ministry of Energy & Infrastructure (MOEI)	CONSER Engineering	National Contracting & Mas Rock Engineering	20
Fujairah Northern Land Reclamation Project - 5C (Var. 2)	Fujairah Oil Industrial Zone (FOIZ)	MUC Engineering	Eastern Mining Company (EMC)	20
E-87 Road from Cement Factory R/A to E-99 Al Rabeeb Area, Fujairah UAE	Ministry of Energy & Infrastructure (MOEI)	E11 Engineering Consultancy & Project Management	National Contracting & Mas Rock Engineering	15

Mas Rock Engineering QHSE Certifications

Mas Rock Engineering (MRE) operates under an integrated management system certified to ISO 9001:2015 (Quality), ISO 14001:2015 (Environmental Management), and ISO 45001:2018 (Occupational Health & Safety) for the provision of drilling, blasting, and related support services. These standards are maintained through independent surveillance audits and a continuous-improvement cycle that embeds risk assessments, documented method statements/ITPs, and proactive HSE controls (vibration, dust, noise) into daily operations assuring consistent quality, regulatory compliance, and safe delivery on complex rock engineering scopes.



Certificate of Registration



This is to certify that the Environmental Management System of

MAS ROCK ENGINEERING LLC - SPC

OFFICE: 601, FUJAIRAH TRADE CENTER, P.O. BOX 2889, FUJAIRAH, UNITED ARAB EMIRATES

is in accordance with the requirements of the following standard

ISO 14001:2015

(Environmental Management System)

SCOPE

Providing Drilling, Blasting and Related Support Services

(IAF Code: 35)

Certificate Number : 060325029713

Original Certificate Date : 13-Apr-2024

Initial Registration Date : 06-Mar-2025

1st Surveillance Date : 06-Feb-2026

2nd Surveillance Date : 06-Feb-2027

Certificate Expiry Date : 05-Mar-2028

To verify certificate, visit at :

www.arscert.com

www.uafaccreditation.org

www.iafcertsearch.org

Issued by ARS Assessment Private Limited


Managing Director



CB-MS-3926



UAF Address : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America

This certificate remains the property of ARS and must be returned to ARS on Cancellation or Suspension of the certificate. Validity of the certificate is subject to successful completion of surveillance audits. Further clarification regarding the scope of this certificate and the applicability of standard may be obtained by consulting the Organisation on info@arscert.com

Certificate of Registration



This is to certify that the Occupational Health and Safety Management System of

MAS ROCK ENGINEERING LLC - SPC

OFFICE: 601, FUJAIRAH TRADE CENTER, P.O. BOX 2889, FUJAIRAH, UNITED ARAB EMIRATES

is in accordance with the requirements of the following standard

ISO 45001:2018

(Occupational Health and Safety Management System)

SCOPE

Providing Drilling, Blasting and Related Support Services

(IAF Code: 35)

Certificate Number : 060325039714

Original Certificate Date : 13-Apr-2024

Initial Registration Date : 06-Mar-2025

1st Surveillance Date : 06-Feb-2026

2nd Surveillance Date : 06-Feb-2027

Certificate Expiry Date : 05-Mar-2028

To verify certificate, visit at :

www.arscert.com

www.uafaccreditation.org

www.iafcertsearch.org

Issued by ARS Assessment Private Limited



Managing Director



CB-MS-3919



UAF Address : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America

This certificate remains the property of ARS and must be returned to ARS on Cancellation or Suspension of the certificate Validity of the certificate is subject to successful completion of surveillance audits. Further clarification regarding the scope of this certificate and the applicability of standard may be obtained by consulting the Organisation on info@arscert.com

MRE

Mas Rock Engineering