



Email: info@nedbuae.com, www.nedbuae.com, Tel: +971 (7)228211, Fax: +971 (7) 2282817, Po Box :34382, (8328 - Fujairah), Ras Al Khaimah, U.A.E.



Drilling and Blasting and Quarries Services Company.

## **About National Emirates:-**

- NATIONAL EMIRATES was established in December, 2003 first in Emirate of Fujairah and later in 2007 in Emirate of Ras Al Khaimah under the title EMIRATES NATIONAL FOR QUARRIES SERVICES EST. according to the market requirement, as a specialized in drilling, blasting ,quarry development, pit design as well as with crusher designing approach for hard and soft rock in United Arab Emirates.
- Highly professional and certified team of engineers is running the operations for more than 20 ~ 25 quarries in the emirates of Fujairah and Ras Al Khaimah, with monthly blasted volume of about 1.5 ~ 2.0 M Cubic Meter.
- Company has well equipped fleet of hydraulic drill rigs with monthly drilling capacity of not less than 50,000 Linear meters for about 20 ~ 25 quarries with in the emirates.
- The company takes pride in working closely with its clients to provide leading technical support for stone crushers, steel grade lime stone, industrial stone, cement plants feeding as well as civil construction work industry in the United Arab Emirates. Since the group owns 2 large capacity lime stone crushers in Hab Hab (Al Tawyeen) – Fujairah Area.

## Introduction

The United Arab Emirates attaches great importance to infrastructure construction and regard it as the basis of economic and social development. They have developed the Ministry of Infrastructure and **Development** which offers various of services including projects for development of Roads, Tunnels, etc. for the Individual, Business and Governmental sectors.

ALC: NO.

The United Arab Emirates (UAE) also has vast resources of limestone and hard rock in the northern Emirates. These are currently exploited by quarrying companies to produce construction aggregate and raw material for the manufacture of cement, with a small amount being used to produce rock wool, dimension stone and mineral filler.

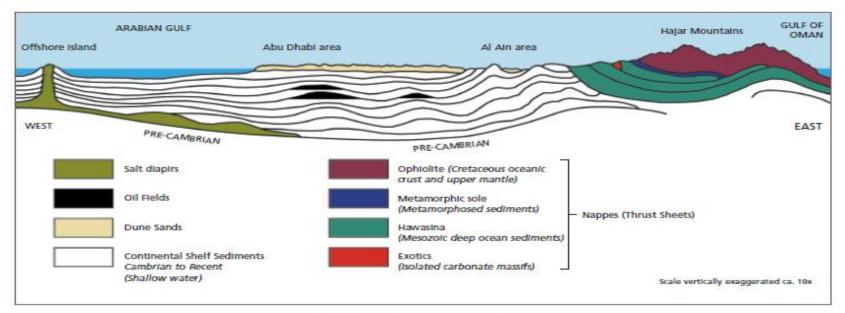


FIGURE 4: Geological cross-section of the UAE

## National Emirates Est. & Emirates National Quarries Services Est. (Mission, Vision & Values)

### Mission:

To provide a continuum of quality services, which meet the needs and expectations of our customers in United Arab Emirates.

### Vision:

National Emirates will provide high quality, cost effective drilling, blasting & quarries services delivered in a professional, safe and caring.

### Values:

National Emirates believes in treating all Customers, Suppliers, Visitors and Employees with Respect, Dignity and Equality, guided by UAE laws as well as with International Legislative Authorities.

# **Rock Drilling and Blasting:**

**National Emirates** offers drilling, blasting and blasting only programs for the Infrastructure work and aggregate industry. Each Quarry has unique needs which are specific to its operation. We provide each quarry with a specialized analysis identifying their specific needs and then develop a tailor made blasting program to fit those requirements.

Further profiling of the company will be outlines in three different, short but comprehensive segments.

• 1.Drilling & Support Capability.

- 2.Blasting & Specialized Services.
- 3.Quality, Environment, Health & Safety Management System. (QEHSMS)

## 1. Drilling & Support Capability.

- Drilling.
- Production drilling.
- Technical drilling.
- Exploratory drilling.
- Well trained and experienced drill operators.
- Well equipped workshop under supervision of a highly experienced technicians.

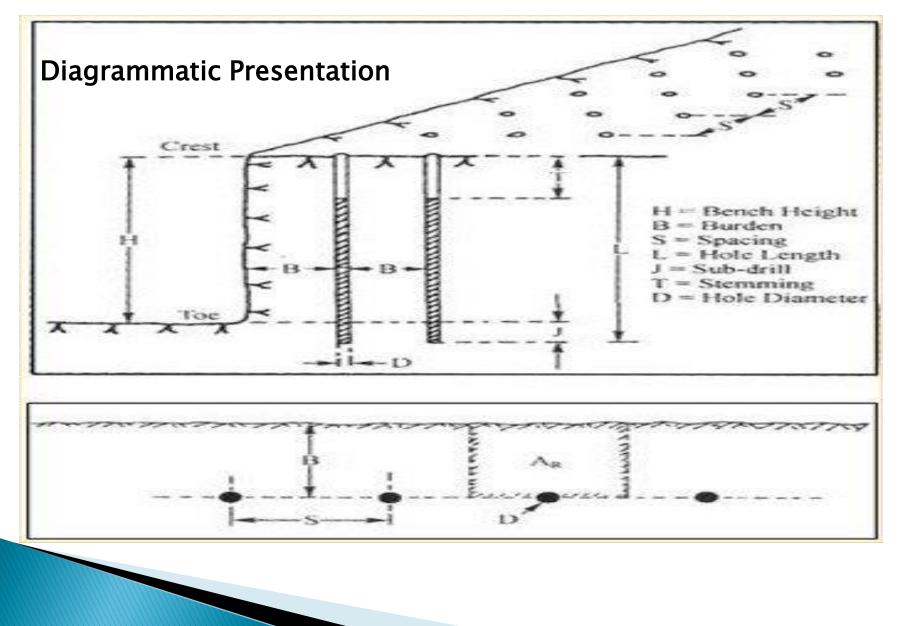
-120

- Equipped 4x4 maintenance vehicle for on site jobs.
- > 24 hours ready and monitoring.

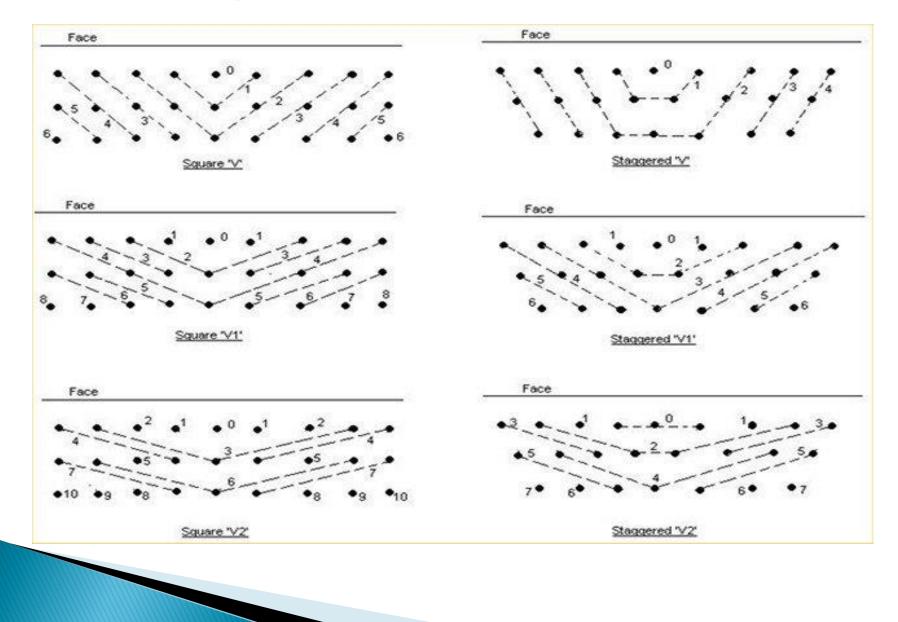
## 2. Blasting & Specialized Services.

- We have a well qualified, blasting license (UAE) holder team of engineers having more than 10 years of working experience in the country. The team being in the service provider sector of this country for so long, have nearly blasted 70% of the quarries and areas with different rock structures and geology.
  - Very competent, professional work force especially familiar with the international and local safety laws and practices of high standards.
  - Highly trained, well experienced, Ministry of Interior (MOI) certified card holders 03 nos. of blast crew (15 persons each) is available.
- Production, technical blasting and general blasting.
  - Professionally designed software by our team leader Engr. Hatem Abdalla (DBM) Drilling & Blasting Management program, which is a very practical and simulation based on actual ground basis & practical experience. Can compete to any of the software produced so far in our quarrying (Open Cast) field. Easy data inputs by engineers and accurate results. Easy report preparation for (MOE) of UAE.
  - Pit design and planning.
    - Monitoring of air over pressure, ground vibration with data analysis and optimization approach.
    - Environmental monitoring and solution approach and strategies.

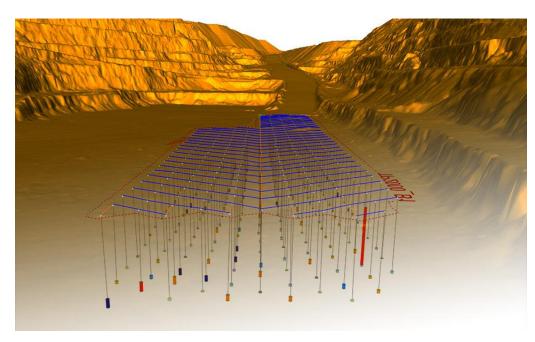
## 2. Blasting & Specialized Services.

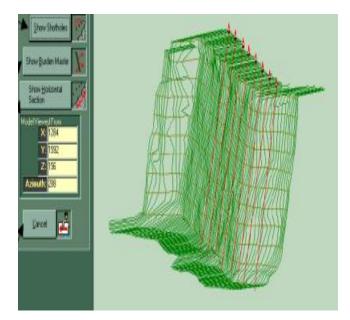


## 2. Blasting & Specialized Services.

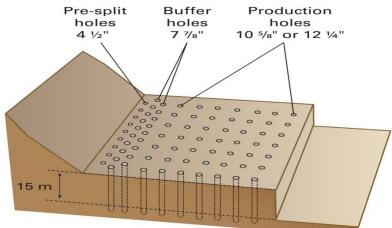


# Laser Profiling





Laser Profiling results in optimized blasting and less fly-rock due to the monitoring of the burden, spacing and alignment of the drillholes



# LICENSED EXPLOSIVES VEHICLES

> We have 02 no of explosives trucks (Capacity of 7.0 MT) each,

with the approved and blasting cards holders' drivers. الأمارات الوطنية لذدمات المحاجر

الأمارات الوطنية لخدمات المحاجر Emirates National Quarries Servi

Along with explosives supplier's fleet, have the added advantage of our own deliveries.

> إبتعد خطر! DANGER ! KEEP AWAY

#### QUALITY, ENVOIRNMENT, HEALTH & SAFETY MANGEMNT SYSTEM

As per the ISO-acquired certification National Emirates is implementing and managing well established practices toward all Q & HSE related issues, with the major emphasis as outlined below:

- HSE objectives and policies.
- Competencies, training and awareness.
- Infrastructure.
- Work environment.
- Risk management ,analysis and implementation for zero tolerance.
- Environmental aspects and impacts.
- Legal and regulatory requirements.
- Roles and responsibilities.
- Internal and external communication.
- Document control and data preparation.
- Emergency management.
- Evaluation of compliance.

- QHES –internal and external annual audits.
- Incident investigation and emphasis on near miss situation.

## **Certification:**

- **ISO 14001:2015 (Environmental Management Systems).**
- ISO 9001:2015 (Quality Management Systems).
- ▶ ISO 45001:2018 (Occupational Health and Safety Management Systems).

# Gallery







The pattern of drill holes being prepared for blasting.

Quarry Production Blast

Rock surface newly blasted. This is called presplit, it's a technique to leave a smooth face.



## **Services Provided**

- Consultancy.
- Quarry Development.
- Blast Designs.
- Blast Permissions & Permits.
- Preparing Explosives LPO's.
- Drilling & Blasting.
- Explosives and Accessories.
- Environmental & Survey Assistance.
- Transportation of Explosives deliveries within (UAE).
- Feasibilities' Studies and Drill & Blast Project Studies reports

#### **Trade License: Fujairah (UAE)**



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CoC End D	ate	11/0	02/2023	تاريخ اللهاء العضوية		CoC Start Date	15/02/2022	تاريخ بداية العضوية	
Fax	072282817	فاكس	Tel	0568385551	متف	P.O Box	8328	مريب	
Expiry Date	11/02/2023	تاريخ الانتهاء	Issue Date	15/02/2022	تاريخ الإصدار	Est. Date	06/12/2003	تاريخ التأسيس	
			Receipt Date	15/02/2022	تاريخ الايصال	Ext Receipt No	159941	رقم الإيصال الخارجي	



This is an electronic certificate and does not require a signature or stamp, it's data can be verified by scanning the QR code to the left, which leads you to Mutheast.

هذه الشهادة الكثرونية لا تحتاج الى توقيع او ختم ، المراجع ويمكن التحقق من بياناتها من خلال مسح QR كود R الى البسار والذي يقودك الى <u>رخصتي .</u>

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#### **Trade License: Ras Al Khaimah (UAE)**

		Commer	cial Licens	خصة تجارية - e		
Active / alles						تجدید / Renew
License No	27130		رقم الرخصة	Est. Date	2007-04-11	ناريخ التأسيس
COC MemberShip N	lo 26532-200	7-н	رقم عضوية الغرفة	Local Registery No.	25575	قم السجل التجاري
Expiry Date	2022-08-2	25	تاريخ الانتهاء	Issue Date	2021-08-26	اريخ الاصدار
Business Name						الاسم الاقتصادي
EMIRATES NATIO	ONAL QUARRIES SERV	ICES EST			لوطنية لخدمات المحاجر	مؤسسة الإمارات ا
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تسبه الشراكة	Role/admil	Natio	anality/آليتسية	Nan	ne //N	No/sasl
100.00	مالك Owner		الامارات العربية ا Arab Emirates	سليمان موسى الجاسم محمد الريايسه SULAIMAN MOUSA ALJASSIM MOHAMMED ALREYAISEH		287948
0.00	مدیر مسؤول Director Responsible		الامارات العربية Arab Emirates	SULAIMAN MOUSA	سليمان موسى الجاس ALJASSIM MOHAMMED EYAISEH	287948
Business Activity					النشاط الأقتصادي	رقم / No
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Wholesale of Building Si Trading	and, Pebbles and Stones			ار البتاء - بالجملة	تجارة الرمل والحصى واحج	4663019
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Unit No	0	S رقم الوحدة	treet			الشارع
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Mobile No	0568385551	L رقم المحمول	andline No			رقم الهاتف
Voucher Date.	2021-08-26		تاريخ الايصال	Voucher No.	52489	رقم الايصال

#### **Trade License: Sharjah Branch (UAE)**



### **Trade License: Ajman Branch (UAE)**

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	Expire Date 2022-10-	تاريخ الانتهاء 04		Issue Date 2019-10-03		
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مالك		الإمارات العربية المتحدة		موسى الجاسم محمد الرباد		
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		are by the Department of Economic				

### **TRN: National Emirates.**



## **Projects' Reference:**

#### Fujairah Area: (Lime Stone)

#### Hub Hub Al Tawyeen

- 1. Al Bana Crusher
- 2. Dubai Quarry
- 3. Raysut Crusher (Pioneer Cement)
- 4. Sharjah Cement

#### Siji: (Serpentine Gabbro)

- 1. Golden Rock & Aggregate
- 2. Helwan Crusher
- 3. Jumeirah Crusher

- Fujairah Area
  (Al Hail) (Gabrro 'A' Grade)
  - 1. Al Aali Crushers
  - 2. Oryx Crushers
  - 3. Salbookh # 1
  - 4. Salbookh # 2
  - 5. Salbookh # 3
- Fujairah Area (Al Hail)
  Wadi Eivana (Gabrro 'A' Grade)
  - 1. Raj Stone
  - 2. Raj Rock

# Ras Al Khaimah Wadi Isphini (Gabrro 'A' Grade)

- 1. B and T Crusher
- 2. G.T.C
- 3. Al Wadi
- 4. Gibca

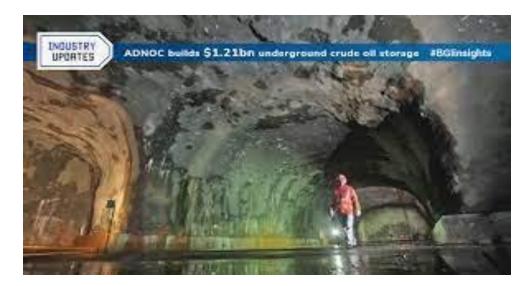
## Hi-Light Project:

### ADNOC (AI Mandous Project, Fujairah – U.A.E)

- Project job started in July, 2018 continuous uninterrupted.
- **Sub Contractor of SK Engineering & Construction.**
- J.V: Joint Venture with Arabian Rock Engineering L.L.C & Technical Drilling and Blasting Co. L.L.C.
- 04 Engineers are JP (Job Performer) Certificates holder and another 04 in progress, which is a double number in JV.
- Well trained team of foremen and charging men in tunnel job.
- Status: Work in Progress 03 years plus job.

### ADNOC (Al Mandous Project, Fujairah – U.A.E)

The project's scope of work involves the construction of an underground cavern oil storage located in Fujairah. The project also includes 3 tanks/areas able to store 42 million barrels and associated works. The facility for Mandous Offshore Oilfield will cater to rising demands for Fujairah's oil storage capacity amid crude stockpiling at lower prices.



## **Hi-Light Project:**

### > ETIHAD RAIL, UAE

Etihad Rail is the United Arab Emirates national railway network. It was established in June 2009 under Federal Law No. 2 to manage the development, construction and operation of the United Arab Emirates' national freight and passenger railway network. The railway will link the UAE's principal centers of industry, manufacturing, production, logistics, population and its major import and export points, sustainably connecting regions and integrating industries through rail-based transport. This Project of UAE has been awarded to China Railway Construction Corporation and National Projects and Construction. National Emirates is currently executing the drilling / blasting operations for surface and tunnels operations at Etihad Rail Project.

### **Etihad Rail Project**



### Etihad Rail- Project Development



### Etihad Rail- Project Development



### Etihad Rail- Project Development



#### Al Suhub Rest Area Development

Client: General Mechanics Co.

Works Included: Drilling & Blasting Operations using different techniques as per the situation of the site. (2020-2021).



### Wadi Al Hailo Road Project: (Sharjah).

**Project**: R1188 Modifying Wadi Al Hailo Road Project

Client: General Mechanics Co

**Works Included**: Drilling &Blasting Operations using different techniques as per the situation of the site. (July 2019 – August 2020).

#### Wadi Mudeeq Tunnels & Road Project: (Sharjah).

Project:R1199 Wadi Muddiq Road ProjectClient:General Mechanic Co.Works Included:Drilling &Blasting Operations using differenttechniques as per the situation of the site. (July 2019 – August 2020).

### Project Development - Wadi Mudeeq



### Project Development - Wadi Mudeeq



### Project Development - Wadi Mudeeq



## **Hi-Light Project:**

- Diftah (Sharjah Khorfakkan Project) working in JV with Arabian Rock Engineering Co. LLC
- Diftah Water Tunnels: (Sharjah).
- O3 x Tunnels, which are in designing stage, project is already awarded. Job in Progress.

Fujairah Area: (Lime Stone)

#### Hub Hub Al Taween

- 1. GSMA (Gulf Star Minerals & Aggregate LLC)
- 2. Orex Mining FZE.
- 3. GSMA (Fujairah Cement Industries)
- 4. Nasser Al Sayer Crusher LLC.
- 5. Al Bahar Crusher LLC.
- 6. Al Barrak Crusher
- 7. Al Rawasi Crusher

# Fujairah Area (Far far) (Gabrro 'B+' Grade)

1. Nasser Al Sayer Crusher LLC Br.02

- Municipality of Sharjah.
- Dhaid & Khor Fakkan (Gabbro)
  - 1. Cautious Drilling and Blasting for Water storage tanks under high tension wires.

#### Diftah (Sharjah –

#### Khorfakkan Project).

- Project job completed in March 2019.
- Sub Contractor of General Mechanics Engineering & Construction.
- J.V: Joint Venture with Arabian Rock Engineering L.L.C

## **Ownership & Management:**

#### > Owner & Director:

Dr. Sulaiman Mosa Al Jassim Mohamed Al Rayssi (UAE National)

(Sponsor & Partner)

#### General Manager:

#### Engr. Hatem Abdallah.

(**1993** graduate in Mining Engineering from Cairo Egypt, having more than 13 years of experience in UAE only)

# **Technical Engineering Team:**

## <u>Operation Manager:</u> Eng. Muhammad Aslam Khan.

(**1999** graduate in Mining Engineering from UET Lahore Pakistan, having more than 11 years of experience in UAE only)

#### Sr. Blasting Engineer:

#### Eng. Amir Iqbal:

Dip. of Mining: in **1991** from Katas – Punjab Pakistan, having more than 13 years of experience in UAE only)

#### Blasting Engineers:

- 1. Eng. Nouman Raheem (BSc in Mining) Licensed Blasting Engineer.
- 2. Eng. Ahmed Adel (BSc in Geology) Licensed Blasting Engineer.
- **3.** Eng. Arif Mehmood (BSc in Mining) Licensed Blasting Engineer.
- 4. Eng. Sher Afgan (BSc in Mining) have Oman Blasting Engineer License and here under process.
- 5. Eng. Raffi Ullah Khan (BSc in Geology) Assistant Engineer in job, license under process.

#### Blasting Engineers:

- 6. Eng. Mohammed Jeelani (BSc in Mining) Licensed Blasting Engineer.
- 7. Eng. Syed Anwar (BSc in Mining) Licensed Blasting Engineer.
- 8. Eng. Amarnath Kallu (BSc in Mining) Licensed Blasting Engineer.
- 9. Eng. Jalil Ul Abidin (BSc in Mining) Trainee

## **HR Management Team:**

#### Human Resource:

#### Mr. Ossama Mohamed:

Graduate in Business Administration in **1999** from Sohag University Egypt.

Accountant:

Mr. Roncy Thomas:

#### Public Relation Officer:

1. Mr. Mohamed Ghabbour:

More than **10** years of experience working in UAE.

2. Mr. Elyas El Khedr

**Sectary & Office Assistant:** 

Miss. Dema Zohair. & Miss. Brenda Cagara.

# Field Crew:

Drilling & Blasting Foreman	5 Nos.
Drilling Rig Operators	24 Nos.
Drilling Rig Helpers	24 Nos.
Licensed Blast Crew	90 Nos.
Drivers	8 Nos.
Heavy Duty Mechanics	3 Nos.

## **Contact Us:**

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RAK (Main) Office:	Fujairah Office:
Al Tameer Building (Al Qusaidat)	3D/D Fatima Mohamad Rashid,
Behind Rak National Theatre	Al Dhaid – Fujairah Rd. Massafi,
Al Manama – Ras Al Khaimah Rd. Ras Al Khaimah - UAE.	Fujairah – UAE.

