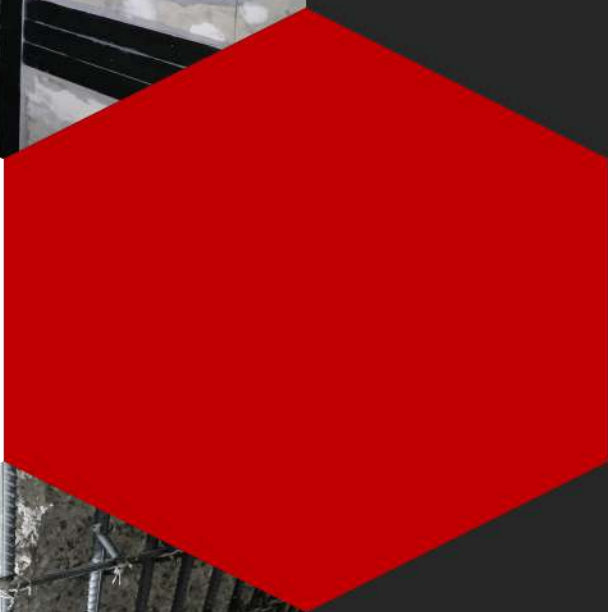


Al Haddad Concrete Repairs L.L.C.

# PROFILE

---



# Contents

1. ABOUT US.....	4
2. OUR TEAM .....	5
3. OUR CLIENTS .....	6
4. CONSULTANTS & CONTRACTORS.....	8
5. PROJECTS LIST.....	10
6. OUR SERVICES .....	18
7. HCR HIGHLIGHTS.....	62
8. OUR HOME.....	62
9. QUALITY ASSURANCE .....	63
10. HEALTH, SAFETY & ENVIRONMENT POLICY .....	63
11. LICENSE & AUTHORITY APPROVAL.....	65
11.1 DUBAI BRANCH .....	65
11.2 SHARJAH BRANCH.....	66
11.3 HCR BUILDING CONTRACTING L.L.C. ....	67
11.4 OTHER CERTIFICATES .....	68
12. OUR SUPPLIERS .....	74



## 1. ABOUT US

HCR, established in 2006, in Dubai, UAE is a pioneer in the field of structural repair refurbishment industry which is achieved through consistent progression and innovation.

HCR provides outstanding services to clients and strives to serve the exact tailored structural repair and refurbishment needs. HCR reflects with the unique and diversity of specialized activities in the service of the construction industry. We are expertise in offering personalized services by forging relationships with clients and fully understanding the requirement of each particular project.

HCR Strictly comply with the Environment Policy and aim reduce the environmental impact while conducting business. HCR Operates in strict accordance with established international standards and codes of practice and is an approved applicator for a number of quality building material suppliers.

We are committed to excellence and continued improvement in all that we do to maintain our position as a market leader.

### MISSION

To achieve the reputation of a quality, high standard, reliable solution, and service provider company in the steel structure industry.

### VISION

Reaching one of the leading companies in the engineering field, specifically in the field of steel structure engineering, to achieve the highest standards of safety, economy and operability.



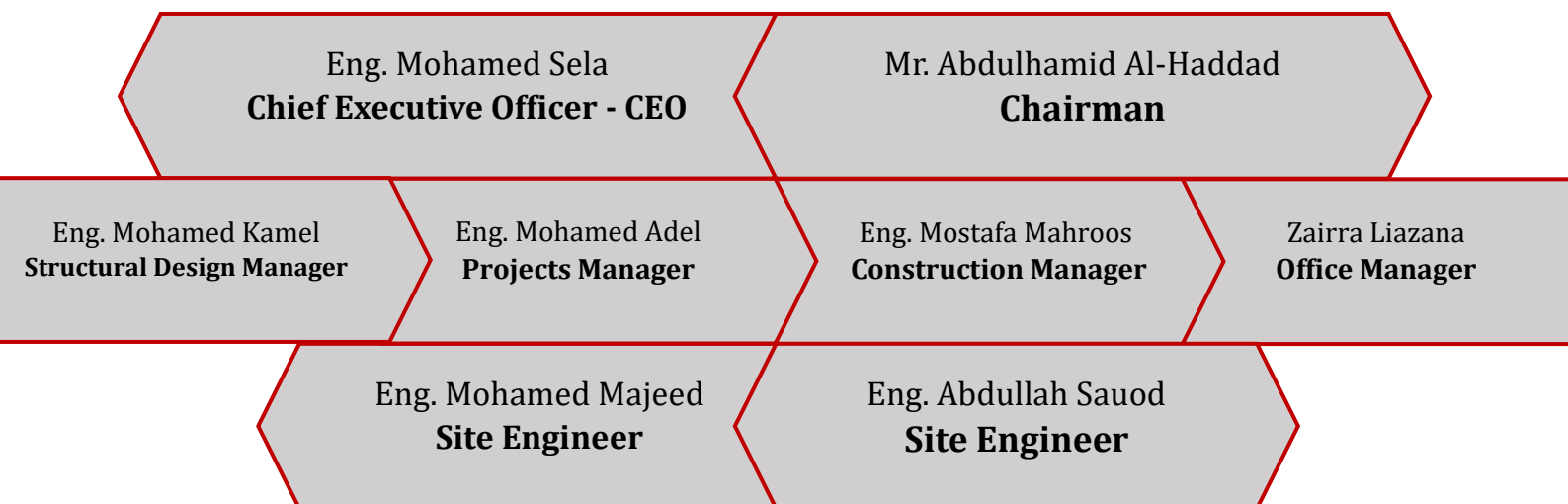
## 2. OUR TEAM

HCR is the keystone of our structure. HCR policies run deep through our people both in the office and on site. Our reputation reflects our people who minor these qualities.

At each level we select the most qualified people for the job, regardless of any other consideration and train them rigorously and continuously. We motivate them to deliver their excellence through attractive rewards including salaries, bonuses, living and working conditions, opportunities for growth and career development, involvement in decision making with considerable freedom of action and above all, by fair and transparent performance appraisals – the basis for evaluation and reward.

HCR's consistency in timely delivery has only been achieved through the loyalty and dedication of our workforce.

The trainees at HCR always enjoy the wealth of knowledge and expertise contained within the business, but is actively encouraged to further develop through education and external training with a view to becoming the masters tomorrow.



### 3. OUR CLIENTS





## 4. CONSULTANTS & CONTRACTORS



**AECOM**



**ALHASHEMI**

PLANNERS | ARCHITECTS | ENGINEERS



**LACASA**  
Architects & Engineering Consultants



**SSE** سلامة ستروكتشرال انجنييرز  
SALAMA STRUCTURAL ENGINEERS



**NEB**  
National Engineering Bureau  
Architectural & Engineering Consultants



**Jouzy | Aljanta**  
In Association With  
AN RESURTA COMPANY



**CAPITAL**  
ENGINEERING CONSULTANCY  
التأسيسية الهندسية  
TEL: +971 2 5591504  
FAX: +971 2 5591577  
P.O. BOX: 110600, AMMAN - U.A.E.  
Web: www.capitalengineeringconsultancy.com



**alTurath**  
ENGINEERING CONSULTANTS  
التراث  
مهندسون استشاريون  
P.O. BOX: 11676 DUBAI, U.A.E.  
TEL: 3555040 FAX: 3555405  
طريق 999، دبي، الإمارات العربية المتحدة  
هاتف 3555 040 فاكس 3555 405



**ADJZ**  
Architectural  
Engineering Consultancies  
إيه تو زد لاستشارات الهندسة المعمارية



**International**  
العالمية  
Engineering Consultants ■ استشارات الهندسية



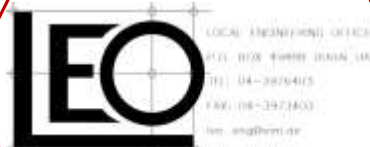
**NEXT** ENGINEERING CONSULTANTS  
CONSULTING ENGINEERING, ARCHITECTS & DECORATION



**ARCHGROUP**



AL MAKTAB HANDASI ARCHPLAN  
**ARCHPLAN**  
ARCHITECTS & PLANNERS  
المكتب الهندسي للتخطيط والعمارة  
TEL: 065507888 EMAIL: archplan\_uae@yahoo.com  
MOB. 056 4461366



**LEO**  
LOCAL REPRESENTING OFFICE  
P.O. BOX 49999 DUBAI, UAE  
TEL: 04-3976405  
FAX: 04-3973803  
Email: leo@leoem.com



**ENGINEERING CONSULTANCY**





**ECC**  
شركة المقاولات الهندسية ذ.م.م  
Engineering Contracting Co. LLC



الطائر ستوكس ذ.م.م  
Al Tayer Stocks L.L.C.



**Shapoorji Pallonji**



**INTEL SPACE**  
building contracting LLC



الشركة العامة للإنشاءات  
**GENERAL CONSTRUCTION COMPANY**  
مقر الشركة العامة للإنشاءات - دبي - شارع الشيخ محمد بن راشد - برج دبي - طابق 20  
Tel : +971-4-2606889, Fax: 971-4-2606210, P.O.Box 30639 Dubai U.A.E  
www.gcc-uae.com



**ASAK**  
الصرح الكبير  
للإنشاءات ذ.م.م  
Al Serh Al Kabeer  
CONSTRUCTION L.L.C.



**EXCEPTIONAL**  
Interior Decoration LLC



**G&B Contracting LLC**  
Building and Civil Engineering Contractors



**GTCC**  
GULF TECHNICAL CONSTRUCTION COMPANY



التراث الأصيل للمقاولات والكهرباء وميكانيكا ( ذ.م.م )  
AL TURATH AL ASEEL CONTRACTING & ELEC.MECH (L.L.C.)



**GHANTOOT GROUP**  
مجموعة غنتوت



**SUSTAINABLE BUILDERS**



**DAC**



**EIFM**



الشركة الهندسية للإنشاء والتشييد ذ.م.م  
المجموعة Dorra



**A&T GROUP INTERIORS**



## 5. PROJECTS LIST

MAIN CONTRACTOR	PROJECT	PROJECT DESCRIPTION
Gand D Construction	Building G + 25 + 4 Parking	Structural Strengthening Works
Green Line Construction	Holiday Inn Hotel – Dubai	Structural Strengthening
Beacon Construction	Building G + 30 + 4 Parking Dubai Emirates City	Structural Strengthening
Al Naboodah Construction	Dubai Tools Stores	Civil Refurbishment Works
Al Hikma Construction	Ajman Port	Jetty Structural Strengthening
Alsaad Construction	Al Fujairah Dibba Club	Concrete Injection+ Structural Strengthening
Al Habtoor Construction	Building + G + 4 Parking Dubai Business Bay	Structural Strengthening
Arab Contractor Construction	Building G + 30+4 Parking Al Sheikh Zayed Road Dubai	Columns Strengthening
New Valley Construction	Al Attar Building Al Barsha	Full Refurbishment Works
Durah Gulf Construction	DIP – Dubai	Structural Strengthening Works for Building
Al Ataa Construction	Building G + 7 + 3 Al Karama – Dubai	Structural Strengthening Works + Cracks Injection
Al Torath Al Aseel Construction	RTA Building Umm Ramool Dubai	Cracks Injection + Structural Strengthening for RTA Car Parks
Durah Gulf Construction	DIP – Dubai	Structural Strengthening Works for Building
Al Ataa Construction	Building G + 7 + 3 Al Karama – Dubai	Structural Strengthening Works + Cracks Injection
Al Torath Al Aseel Construction	RTA Building Umm Ramool Dubai	Cracks Injection + Structural Strengthening for RTA Car Parks

PETROFAC International Limited	Foundations Repair for Sajaa Plant	Concrete Repair + Structural Strengthening
Sharjah National Oil Corporation	Hamriyah LPG Terminal	Concrete Repair and Structural Strengthening for Jetty
Al Torath Al Aseel Construction	RTA Building Umm Ramool Dubai	Cracks Injection + Structural Strengthening for RTA Car Parks
Gulf Technical Construction Company Drake & Scull International PJSC Company	The Pointe at Palm Jumeirah	Structural Strengthening
Delta El Wadi	AL Barsha - Dubai	Structural Strengthening
CRC Construction	MADA Tower	Structural Strengthening
Sharjah National Oil Corporation	Saja Oil & Gas Files	410 Foundation Repairs & Rehabilitation
Fujseng Construction LLC	(2B+G+2M+23) Typical Floors Twin Towers Residential & Commercial Building	Columns Strengthening Work
Belco Contracting LLC	G+4 Labour Camp@ Al Ttay Dubai	Carbon Fiber Strengthening for the existing hollow core slab
Fujseng Construction LLC	(2B+G+2M+23) Typical Floors Twin Towers Residential & Commercial Building	Columns Strengthening Work
Engineering Contracting Co.LLC	Mirdiff Hills- B+G+4+Roof	Supply & Installation of Carbon Fiber Strengthening Work for existing columns
Ali Bin Salem Contracting	DM Branch Office - Rashidiya	Strengthening Work for existing columns
Al Masarat Contracting LLC	2B+G+4+ROOF Lolena Residence	Strengthening work for the Slabs Openings
Herald Contracting Co. LLC	Emirates F.T.O HousinG Block C,D,Parking & Mosque	Strengthening works for existing beams
Arabia Group Investment Ltd.	3B+G+3P+17T+R Moon Tower	Jacketing Strengthening for the existing columns

Resource One Investment Limited JAFZA	G+6 Residential Bldg. Plot No. IC3-B-13-B-1	Strengthening of columns
Al Khidma Technical Services LLC	Al Nokhba Typical Basic Education Schools -Boys,Dubai Al Rafeaa Basic & Secondary Education School Basic	Strengthening works for existing beams
AL Nisr Roads & Buildings Contracting LLC	RAK Schools	Concrete Beam Strengthening
TAR Emirates Contracting & Transport	RAK Schools	Concrete Beam Strengthening
FAUTAHE FURNITURE AND DÉCOR	AL Hassan Al Basri School and Musheiref School	Concrete Beam Strengthening
Ali Bin Salem Contracting	DM Branch Office - Rashidiya	Strengthening Work for existing columns
New Engineers Contracting LLC	Development of 3 Schools – MOE- Types 740	Concrete Beam Strengthening
Bitco Technical Works LLC	Development of 740 Model School- Umal Quwain	Concrete Beam Strengthening
Herald Contracting Co. LLC	Emirates F.T.O Housing Block C,D,Parking & Mosque	Strengthening works for existing beams
Arabia Group Investment Ltd.	3B+G+3P+17T+R Moon Tower	Jacketing Strengthening for the existing columns
Resource One Investment Limited JAFZA	G+6 Residential Bldg. Plot No. IC3-B-13-B-1	Strengthening of columns
Al Khidma Technical Services LLC	Al Nokhba Typical Basic Education Schools -Boys, Dubai Al Rafeaa Basic & Secondary Education School Basic	Strengthening works for existing beams
AL Nisr Roads & Buildings Contracting LLC	RAK Schools	Concrete Beam Strengthening
TAR Emirates Contracting & Transport	RAK Schools	Concrete Beam Strengthening
FAUTAHE FURNITURE AND DÉCOR	AL Hassan Al Basri School and Musheiref School	Concrete Beam Strengthening
New Engineers Contracting LLC	Development of 3 Schools – MOE- Types 740	Concrete Beam Strengthening



Bitco Technical Works LLC	Development of 740 Model School- Umal Quwain	Concrete Beam Strengthening
Aswar Engineering & General Contracting Company WLL	Taryam Omran for Basic Educational Sch in Rfa'ah RAK Zaid Bin Hareth for Basic Educational Sch in Jivar RAK Al Bara'a Azeb for Basic Educational Sch in Jivar RAK	Concrete Beam Strengthening
Emirates International Facility Management LLC	Dev't of Al Massa Sch in Diba Fujairah Dev't of Al Hour Sch in Diba Al Hesen, Eastern Sharjah Dev't of Lubaba Bent Al Hareth Sch in Fujairah Dev't of Al Madam Sch in Al Madam, Sharjah Dev't of Al Thaqafa Sch in Al Madam Sharjah Dev't of Ramah Primary & Secondary School in Al Ain Dev't of Al Taleaa Primary & Secondary Sch in Al Ain	Concrete Beam Strengthening for Existing Beams
Sustainable Builders LLC	AL Barari Development Ashjar Phase	Concrete Beam Strengthening for Additional Load
Aswar Engineering & General Contracting Company WLL	Construction of Firefighting Bldg AL REEF-CMW-16076 (2017/5-GENERAL)	Column Beam Strengthening for existing beams
RANYA General Construction Co. LLC	G+2P+2+12FLOOR+ For Sports Council	Strengthening work Existing Slab
HHM CONTRACTING LLC	DEVELOPMENT OF 2 SCHOOLS BELONGS TO MINISTRY OF EDUCATION ZONE 1 & ZONE 2	Existing concrete beams strengthening
SAMAL AL PATRA BUILDING CONT. LLC	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION ZONE 1,2,3	Existing concrete beams strengthening
AL BANAI RUSHDI CONT.CO LLC	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION type 586	PROVIDE THE STRUCTURAL STUDY INCLUDING THE SAFETY REPAIR

GLOBAL GREEN BRIDGE CONTRACTING LLC	P1401 SHOWROOM AND OFFICE BUILDING	RC SHEAR WALL STRENGTHENING WORK
BITCO TECHNICAL WORKS	DEVELOPMENT OF 2 SCHOOLS BELONGS TO MINISTRY OF EDUCATION type 586	Existing concrete beams strengthening
ALAABED Engineering Consultant	MALL OF MAGDI GAREEB ALAHBABI	SLAB STRENGTHENING WORK
AL KHIDMA TECHNICAL SERVICES LLC	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION	Existing concrete beams strengthening
THE NEW INDIAN SCHOOL	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION	Existing concrete beams strengthening
FAUTAHEH FURNITURE & DÉCOR	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION	Existing concrete beams strengthening
ULTRAMAX GENERAL CONTRACTING	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION	Existing concrete beams strengthening
OMIS CONTRACTING COMPANY	195-JOB#137-AL Rahmnaiya Shopping Mall	Corbel Strengthening works
EL RACE CONSTRUCTION	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION	Existing concrete beams strengthening
AL NISR & BUILDING CONTRACTING LLC	DEVELOPMENT OF SCHOOLS BELONGS TO MINISTRY OF EDUCATION	Existing concrete beams strengthening
SERCO LTD- DUBAI	DUBAI METRO-RASHIDIYA	Crack Rectification
ENGINEERING CONTRACTING CO. LLC	PROPOSED CONSTRUCTION OF MIXED USED BLDG ON PLOTS 32& 33 AT TOWN SQUARE DEV'T	Carbon Fiber Strengthening for existing slab
GINCO CONTRACTING CO LLC	G312-LAND MARK GROUP	Carbon Fiber Strengthening for existing BEAMS
CAPITAL ENGINEERING	Al Zahara Hospital-Sharjah	Existing Concrete Slab strengthening
SUSTAINABLE BUILDERS LLC	RETAIL ARE (UG LEVEL) SEVENTH HEAVEN	Strengthening of the Existing Slab to closed voids by RCC and Carbon Fiber

SUSTAINABLE BUILDERS LLC	FIVE HOTEL (KIOSK) PALM JUMEIRAH	Design drawings for heater chiller location Structural Design
SUSTAINABLE BUILDERS LLC	VILLA 23.05 / 18.08 /20.05	Supply & Apply Carbon Fiber Rods for existing RCC WALL both side (Opening 3.20x3.20)
AL RADEM CONT. EST.	Proposed Bldg Gr. +5 Parking +15Typical Res. Floors Plot No. 1065 @ Al Majaz Sharjah	Strengthening work for existing beams
CENTERPOINT	Al Rai, Kuwait	Concrete columns & Strengthening works
GHANTOOT GULF CONTRACTING	Proposed Shopping Mall "THE AGORA MALL"	Strengthening work for RMU & LV Room
SUSTAINABLE BUILDERS LLC	ASHJAR NEIGHBORHOOD	Supply & Application of CFRP Rod for the existing Slab
AMCON ENGINEERING & ARCHITECTURAL CONSULTAN	THE REGENT HOTEL	Supply and Application of CFRP Strips for the existing slab after cutting to cover the reinforcement required as per DM approved drawings * Warranty & Completion certificate letter for the work  * Full liability for erection, and structural safety
RAMEE GROUP OF HOTELS AND RESORTS	PALM BEACH HOTEL	RC Jacketing Strengthening for Existing slab & repair work
RAMEE GROUP OF HOTELS AND RESORTS	Proposed 4b+GR+19+ROOF hotel	<ul style="list-style-type: none"> <li>- Preparation for Structural Calculation &amp; drawings</li> <li>- Coring &amp; Cutting works</li> <li>- Steel Structure Works</li> </ul>
ABWAB REAL ESTATE LLC	Anthology, Gym & Yoga Building	Preparation of the Steel Structural Calculation and Drawings
OST CONSTRUCTIONAL PROJECTS LLC	2B+G+14+R COMMERCIAL & RESIDENTIAL BUILDING ON PLOT NO. 373-4546,	RC Wall Strengthening

AL HAMAD	Proposed Residential Bldg. B+G+1+2-6TYP +1+R	Crack Injection for the existing PT concrete slab
REGENT HOTEL PALACE HOTEL LLC	B+G+M+5 REGENT PALACE HOTEL	Slab Cutting & Strengthening Works
Omniyat Middle East Real Estate Developments LLC	Plot No. 3580553 Al Quoz Third	Carbon Fiber Strengthening
CANADIAN ENGINEERING CONSULTANT	Al Barsha DXB Building	RC Jacketing strengthening for the existing Slabs & Repair Work
EXCEPTIONAL INTERIOR DESIGN	PALM JUMEIRA VILLA	Concrete Wall s Cutting & Strengthening Works
SHAPOORJI PALLONJI	PENT HOUSE LEVEL 40-41	Design for PT Slab & strengthening works
HERALD CONTRACTING	EMIRATES FTO-HOUSING BLOCK C, D, PARKING & MOSQUE	STRENGTHENING WORKS FOR EXISTING SLAB
SERCO LTD- DUBAI	DUBAI METRO – 5 LOCATIONS	INJECTION TREATMENT
	DUBAI METRO – SDN-UNI	
	DUBAI METRO – 9 LOCATIONS	
DUBAI METRO – 5 LOCATIONS	DUBAI METRO – 9 LOCATIONS	TUNNEL WASHING WORKS
AL SERH AL KABEER CONSTRUCTION LLC	Commercial Bldg. (G+4P+11) 243 Al Mahata, Sharjah	Column Strengthening/Slab Strengthening Works
Al Khaleej Investment - Shj.Branch	"the Project No. 3417 "Residential Building Consist of (GF + 10 floor Typical) Plot No..219/A Located in Al Mahatta-Al Qasimya Sharjah, UAE	Strengthening for the Existing Building G+10 Floors.
AL WALEED REAL ESTATE LLC	Plot No. 362-0201 at Umm Suqeim	Cutting & Strengthening Works for Existing Wall
AL TAYER STOCKS LLC	Wow Demolition & Enabling Works- Yass Mall, Abu Dhabi	Supply & Installation of Reinforced Concrete Works for Strengthening Works



M J A REALESTATE DEVELOPMENT	G+1 Private Villa 7,381-Palm Jumeirah Dubai, UAE	Concrete Walls cutting & strengthening Work for the Existing Villa
ARCHGROUP	Villa on Plot JGE-SF-A-R069 at Sanctuary Falls, Jumeirah Golf Estate Dubai	Slab Cutting & CFRP- Strengthening Works
ULTRAFORCE PRESTRESS CONCRETE	Sharjah, UAE	Injection for the existing Slabs
SILVER SKY PROPERTIES LLC	Al Attar Business Center 602, Al Barsha	Basements Injection for the existing RC walls
GENERAL CONSTRUCTION COMPANY LLC	Jewel of the Creek Development (JOC) on plot No. 129-104 at Port Saeed Dubai, UAE	Strengthening of Concrete Column & Walls

## 6. OUR SERVICES

At HCR Services our clients depend on us for safe, reliable and cost-effective contracting services in concrete structural repair, refurbishment and protection. Working with us is more than a service, it's a partnership.

Our people are what make HCR Services great. Our experienced teams are dedicated to self-improvement, regularly undertaking new training and qualifications.

Health & Safety is a key pillar of our working ethos and our employees and focuses on adherence to industry and association standards is a given. This gives our employees expertise, confidence and safety in the roles they carry out for clients.

Our teams work with transparency and openness in communicating between themselves, our suppliers and our clients, giving a cross-functional and collaborative approach to problem-solving and solutions.

HCR provides its clients with complete package solutions for strengthening an existing structure and our suppliers in the following major techniques.

**Structure  
Assessment**

**Structure  
Strengthening**

**CFRP  
Strengthening**

**Cutting and  
Demolishing**

**Cracks Injection**

**Technical Details  
and Structural  
Calculations**

**Concrete Defects  
Treatment**

**PT slabs cables  
Locking**

**Steel Structure  
Works**

# Structure Assessment

A structural assessment is normally the consequence of the detection of a major structural or functional deficiency during a routine or detailed inspection.

Structural assessments are performed to ensure structures meet all applicable building codes related to structural integrity. Conditions assessments look for signs of potential structural issues or problems with building maintenance that could lead to failures.



Methods for condition assessment of existing buildings include:

- ACI-318 - Building Code Requirements for Structural Concrete and Commentary.
- American Society of Civil Engineers (ASCE) – Guideline for Structural Condition Assessment of Existing Buildings.
- ISO 13822 – Bases for design of structures — Assessment of existing structures.
- ASTM E2018-08 Standard Guide for Property Condition Assessments: Baseline Property Condition Assessment Process.

## Site Inspection

Before starting any strengthening or repair works, our engineers inspect the site on its nature and identify structural defects that threaten the integrity of the structure.

During the visual inspection, we may perform some necessary tests such as concrete core test, Hammering, depth of carbonation, ultra-sonic pulse velocity (UPV) and others.

After that, we create analytical models and technical reports to evaluate the current situation of the structure and its necessary repairs.

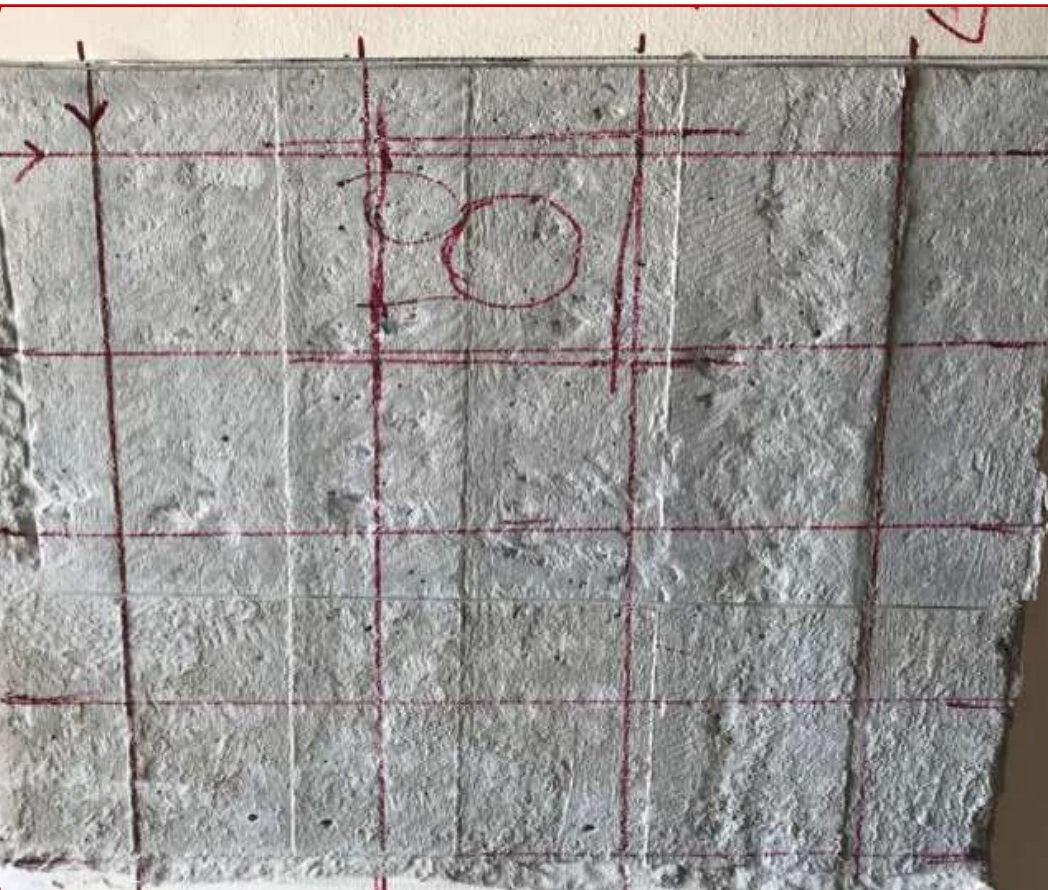




Break Out



Reinforcement scanning.





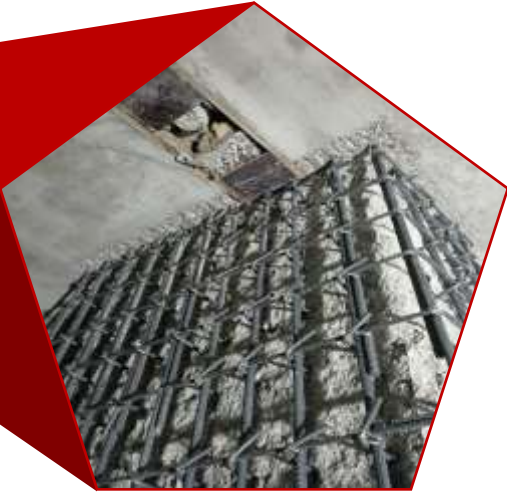
Reinforcement  
scanning.



Reinforcement  
scanning.



# Structure Strengthening



Structural strengthening is the process of upgrading structures to improve performance under existing loads or to increase the strength of structural members to carry additional loads. The need for structural strengthening is commonly driven by building codes, deterioration, change in use, or deficiencies caused by design and/or construction errors.

Our company provides its clients with complete package solutions for strengthening using concrete jacketing and CFRP strengthening.

Initially, our team start to mark the required structural elements to be strengthened. Then we start all the strengthening element processes required starting from concrete chipping up to casting of the new concrete and get the final section required.

We provide our client with full details for the methods statement of required work that will apply on-site.



## Concrete Jacketing

Jacketing is a method of structural retrofitting and strengthening. It is used to increase bearing load capacity following a modification of the structural design or to restore structural design integrity due to a failure in the structural member. This technique is used on vertical surfaces such as walls, columns and other combinations such as beam sides and bottoms. It consists of added concrete with longitudinal and transverse reinforcement around the existing reinforcement. Jacketing is the process whereby a section of an existing structural member is restored to its original dimensions or increased in size by encasement using suitable materials. A steel reinforcement cage or composite material wrap can be constructed around the damaged section onto which shotcrete or cast-in-place concrete is placed.

Jacketing is particularly used for the repair of deteriorated columns, piers, beam, and slabs, and may easily be employed in underwater applications. The method is applicable for protecting concrete, steel, and timber sections against further deterioration and for strengthening. Jacketing improves axial and shear strength of columns and a major strengthening of the foundation may be avoided.





Chipping



Additional R.C. wall reinforcement.



Additional R.C. wall reinforcement.



Additional R.C. wall reinforcement.





## Chipping



Chipping and  
vertical drilling for  
R.C. Column.



Chipping and vertical drilling for R.C. Column.



Chipping and vertical drilling for R.C. Wall.





Horizontal & Vertical  
reinforcement mesh  
with links anchors.



Horizontal & Vertical  
reinforcement mesh  
with links anchors.





Horizontal & Vertical  
reinforcement mesh  
with links anchors.



Horizontal & Vertical  
reinforcement mesh  
with links anchors.



Shuttering works for column.



Shuttering works details for column.



Shuttering works for  
R.C. wall.



Shuttering works for  
R.C. wall.



Link Anchors.



Slab Jacketing.



Beam Jacketing.



Beam Jacketing.





Additional Beam  
Jacketing.

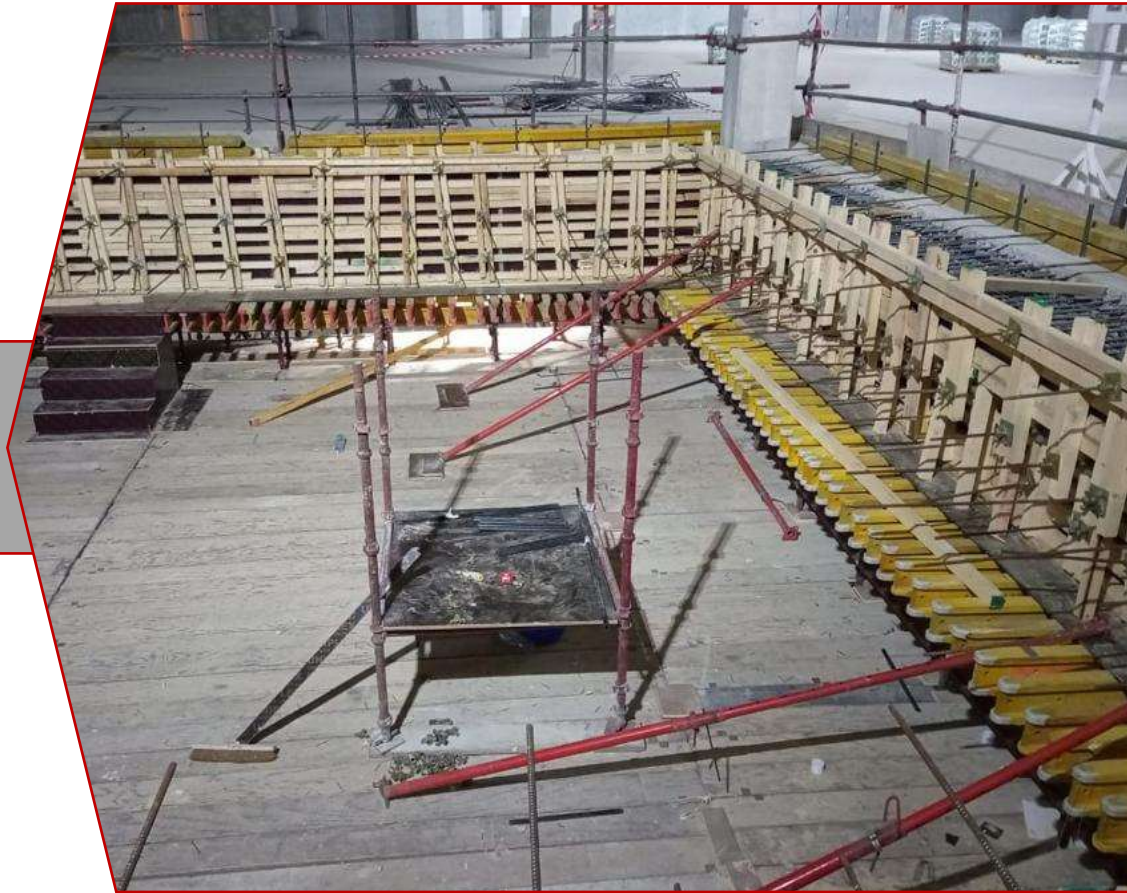


Beam Jacketing  
Reinforcement.

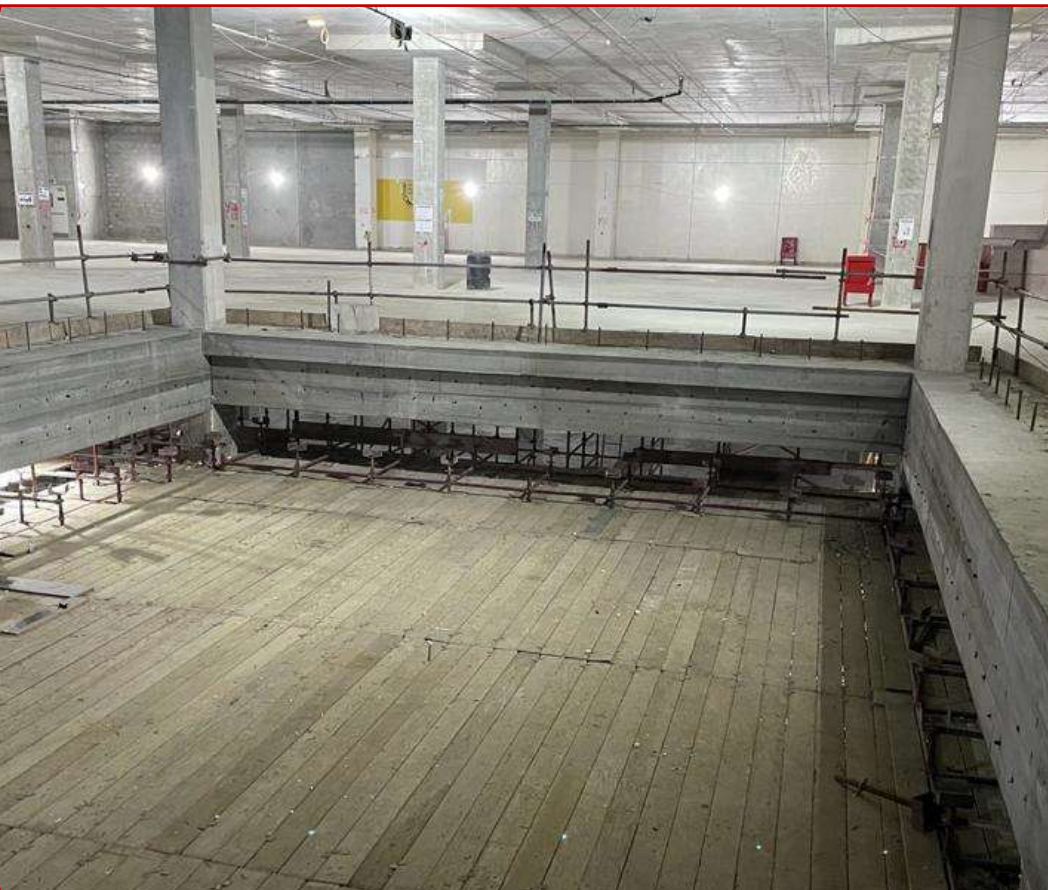




Additional Beam  
Jacketing.



Beam Jacketing.



# CFRP Strengthening

## What is CFRP?

Carbon-fibre-reinforced-polymers (CFRP) are extremely strong and light fibre-reinforced plastics that contain carbon fibers. CFRPs can be expensive to produce, but are commonly used wherever high strength-to-weight ratio and stiffness (rigidity) are required, such as aerospace, superstructures of ships, automotive, civil engineering, and technical applications.



CFRP is used for reliable and high-performance structural strengthening systems. CFRP based solutions consist of CFRP plates and rods, plus structural epoxy resin-based adhesives. These systems are widely used for flexural strengthening of dynamically and statically loaded buildings and other structures such as bridges, beams, ceilings and walls, providing outstanding long-term durability in service.

## Composite Strengthening

We are following two methods for composite strengthening;

Plate bonding where the composite plates, which are usually carbon fibre reinforced, are manufactured off-site, and then bonded to the structure using epoxy adhesives and FRP wrap where the dry fibre fabric is either rolled into the wet resin on the structure's surface (dry lay) or the resin is applied to the fibre fabric which is then applied to the structure (wet lay).

Understandably quality control is easier with plates manufactured off-site but for strengthening around beams and columns the wrap system is the only solution. In both cases, there are strict quality control procedures to follow. HCR is qualified to design and install using both techniques and is approved by the leading material suppliers.





Wall opening  
strengthen by CFRP  
strips.



Wall opening  
strengthen by CFRP  
strips.



CFRP strips beam  
strengthening.

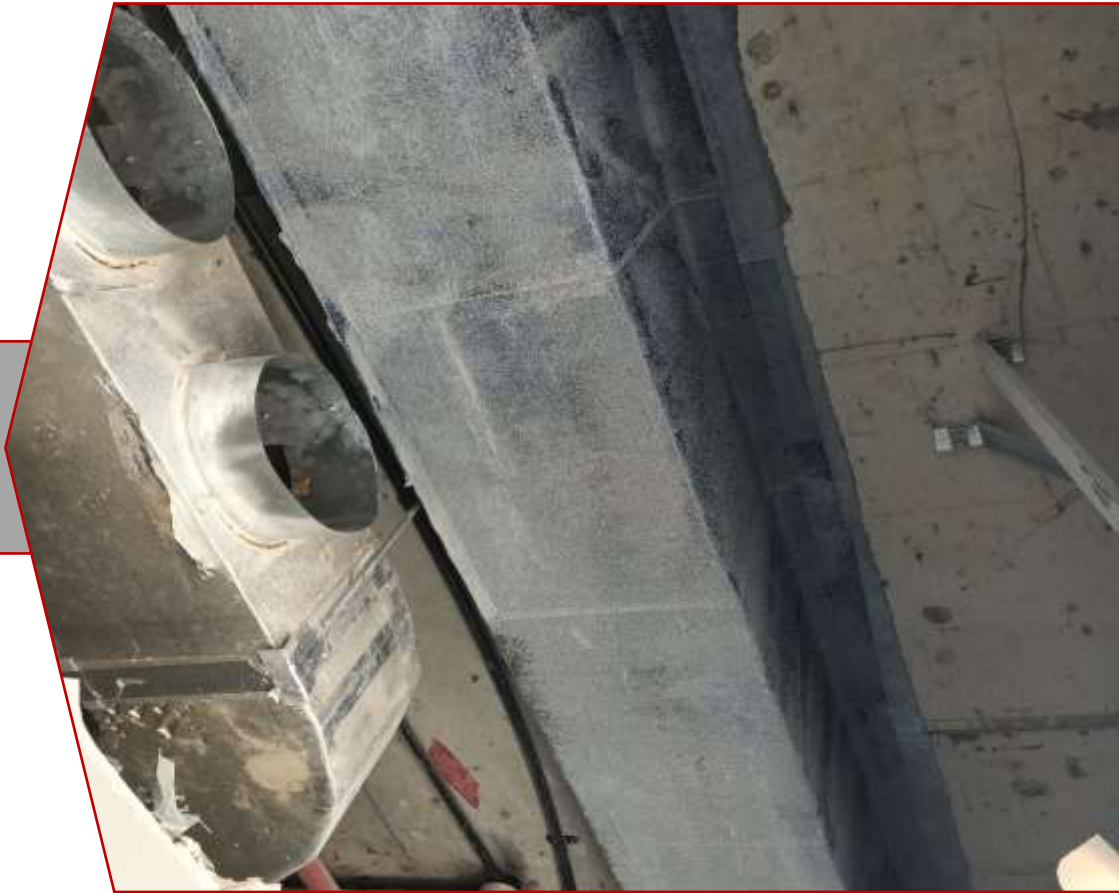


CFRP wrapping  
beam strengthening.





CFRP wrapping beam strengthening.



CFRP wrapping beam strengthening.



CFRP wrapping beam  
strengthening.



CFRP wrapping &  
strips beam  
strengthening.

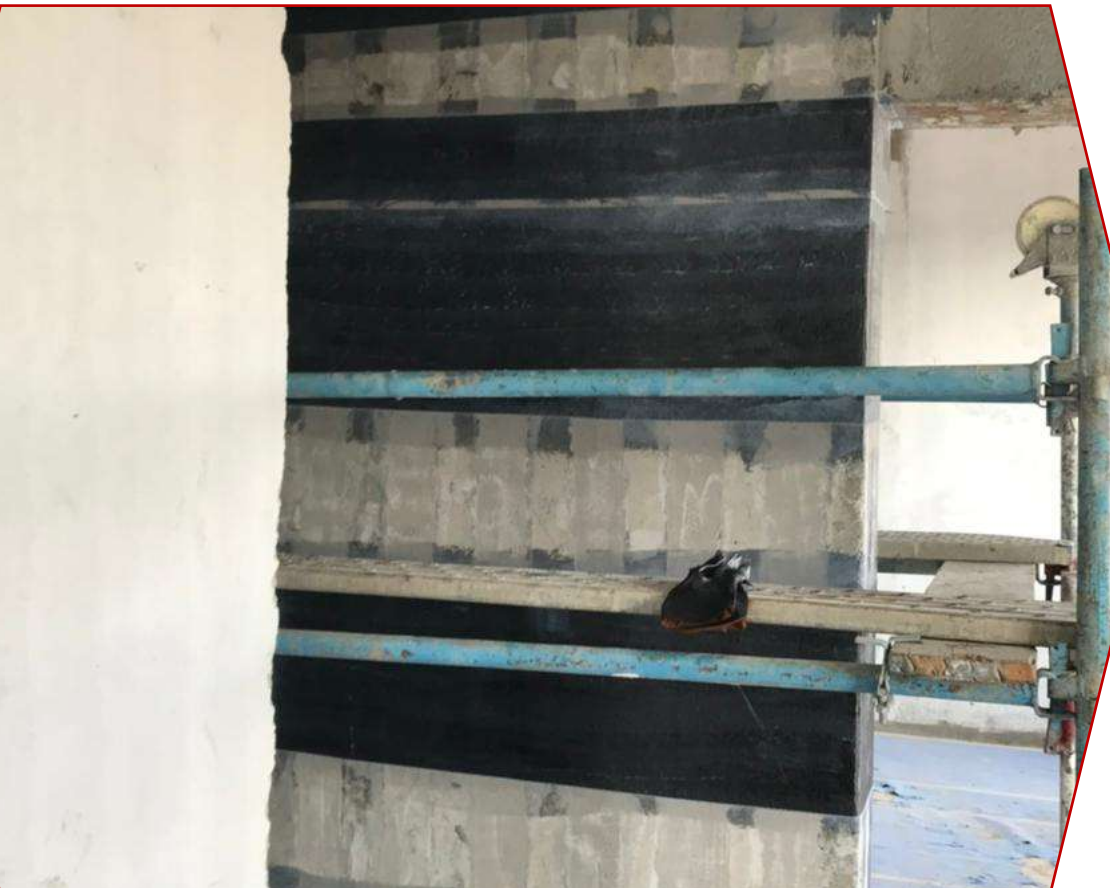




CFRP strips slab  
opening strengthening.



CFRP wrapping  
column  
strengthening.



CFRP strips slab  
strengthening.



CFRP wrapping  
column  
strengthening.





CFRP strips slab  
strengthening.



CFRP strips slab  
strengthening.



# Cracks Injection



## Cracks

Carbonation, movement or poor construction can cause dangerous cracks in concrete structures, leading to the appearance of leaks and water penetration. Resin injection is designed to inject and seal the cracks that appear in reinforced concrete.

## Cracks Injection

Epoxy resin is a recommended material for the structural repair method of concrete cracks as it has a low viscosity and strong adhesion to concrete, effectively filling cracks and voids to provide a waterproof seal and cease water penetration. This method also helps restore the original strength to the concrete and seals in the reinforcing, preventing further damage.



We also use polyurethane-based injection resins to fill cracks and voids with high water ingress. This solution can halt the flow of liquid in a quick fashion, forming a robust seal and stopping further damage and water ingress. The low viscosity of this material allows excellent penetration of the surface, achieving a durable elastic seal.

To begin the process of resin injection, surface preparation is paramount. We use specialist cleaning techniques and air to remove contaminants from the surface before resin is introduced to the structure through specially-prepared inlet ports or drilled holes.





Cracks Injection.



Cracks Injection.





Cracks Injection.



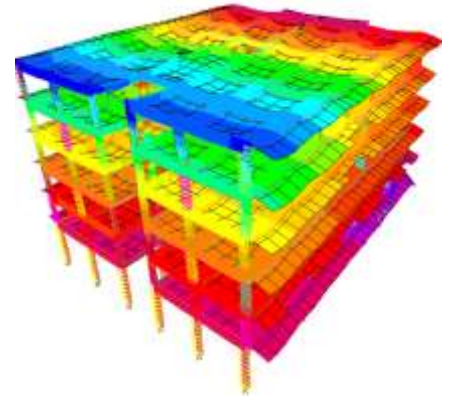
Cracks Injection.



# Technical Details & Structural Calculations

## What are structural calculations?

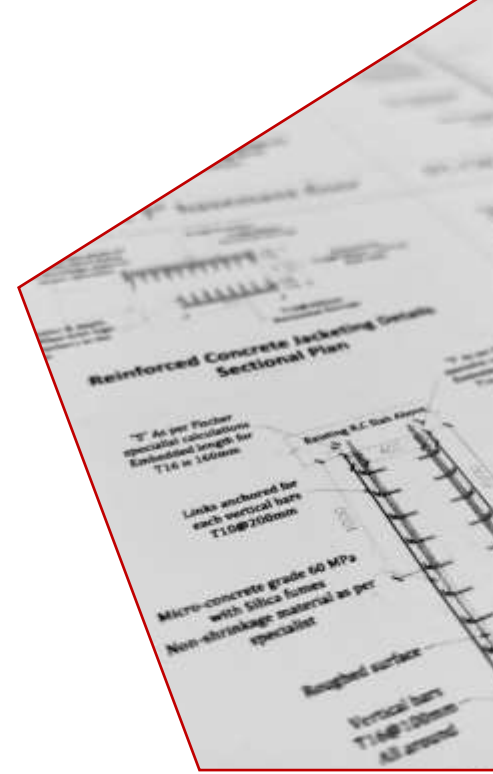
Structural calculations look at every aspect of construction. As the name suggests, they calculate the resources needed and the potential costs involved in doing the work. They also highlight any risks.



A Structural Engineer must produce the report. It's required as part of building regulations and proves that any new construction is safe and fit for purpose. It also provides a guide for the builder, helping them easily identify and address any potential issues.

## Shop Drawings

A shop drawing is a drawing or set of drawings produced by our technical team. A shop drawing usually shows more details than building construction drawings. Drawn to explain the strengthening work details as per the requirements for consultant or client.



# Concrete Defects Treatment



## Concrete Defects

Concrete is known to be a very versatile and reliable material, but some construction errors and construction negligence can lead to the development of defects in a concrete structure. These defects in concrete structures can be due to poor construction practices, poor quality control or due to poor structural design and detailing.

## Repairing

Our experts can define the different concrete defects at concrete cover like spalling, delamination and cracks. Our team has been trained professionally to treat those defects in our special different ways.

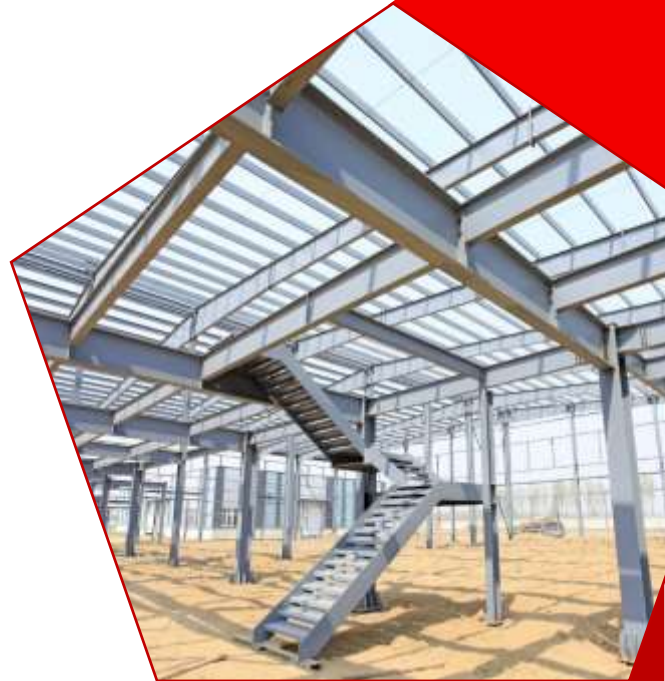




## Steel Structure Works

HCR-technical works, was established to offer its expertise in installation of structural steel and plate works for various industrial and commercial applications.

Experienced human resource, high discipline. With the up-to-day production line system, our team will provide optimal solutions, high quality products and perfect service for your project.



### Design Solutions

HCR-technical works brings to clients absolute satisfaction and peace of mind about the quality of the design, suitability for the harsh conditions of the weather and environment. Our outstanding point is experience and creativity.

We ensure that the confidence placed in us as their fabricator of choice is justified by always rendering up that rare commodity, a cost-effective quality project, delivered on time and within budget. You will find HCR-technical works to be the most innovative, responsive and customer-focused organization in the industry.





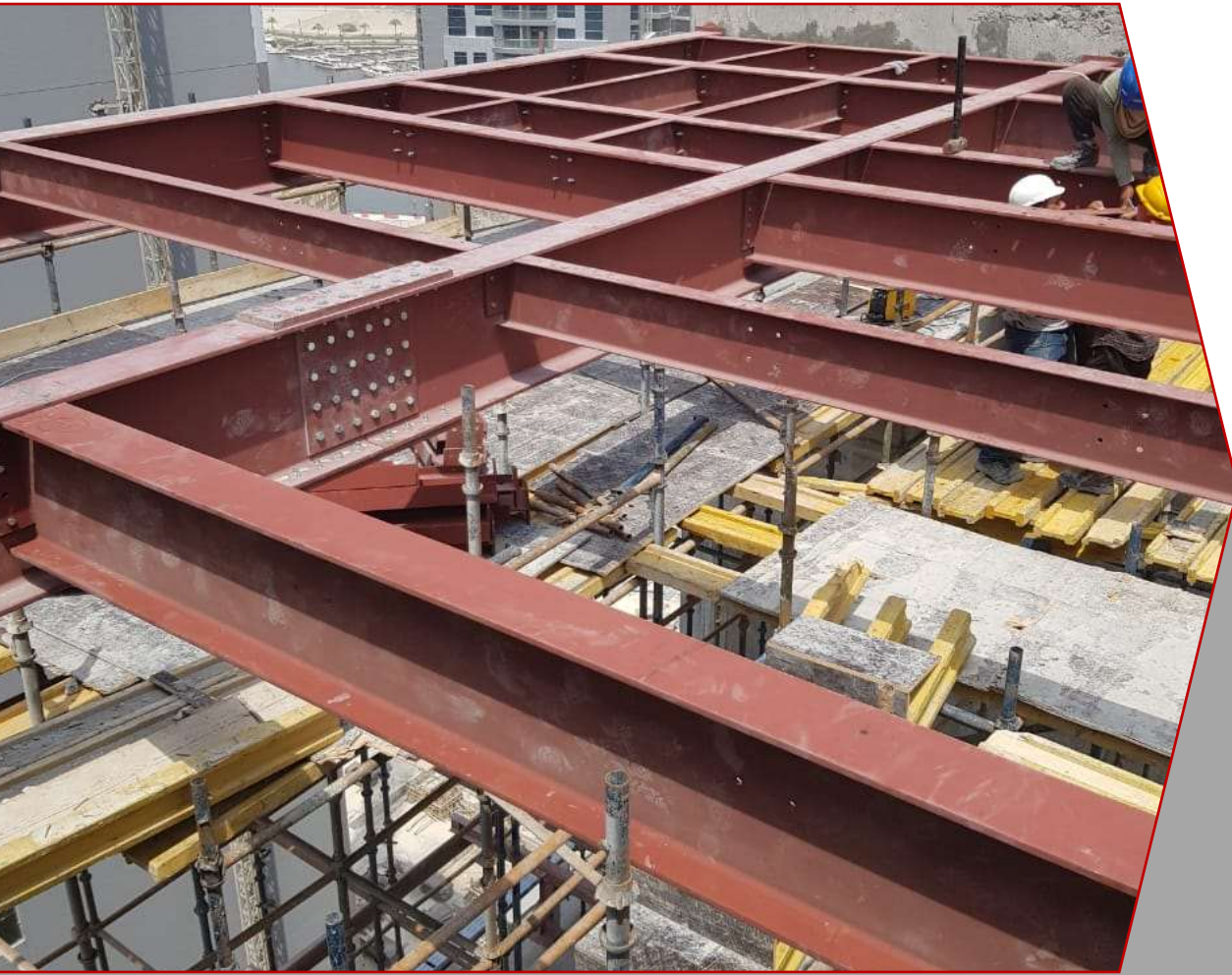












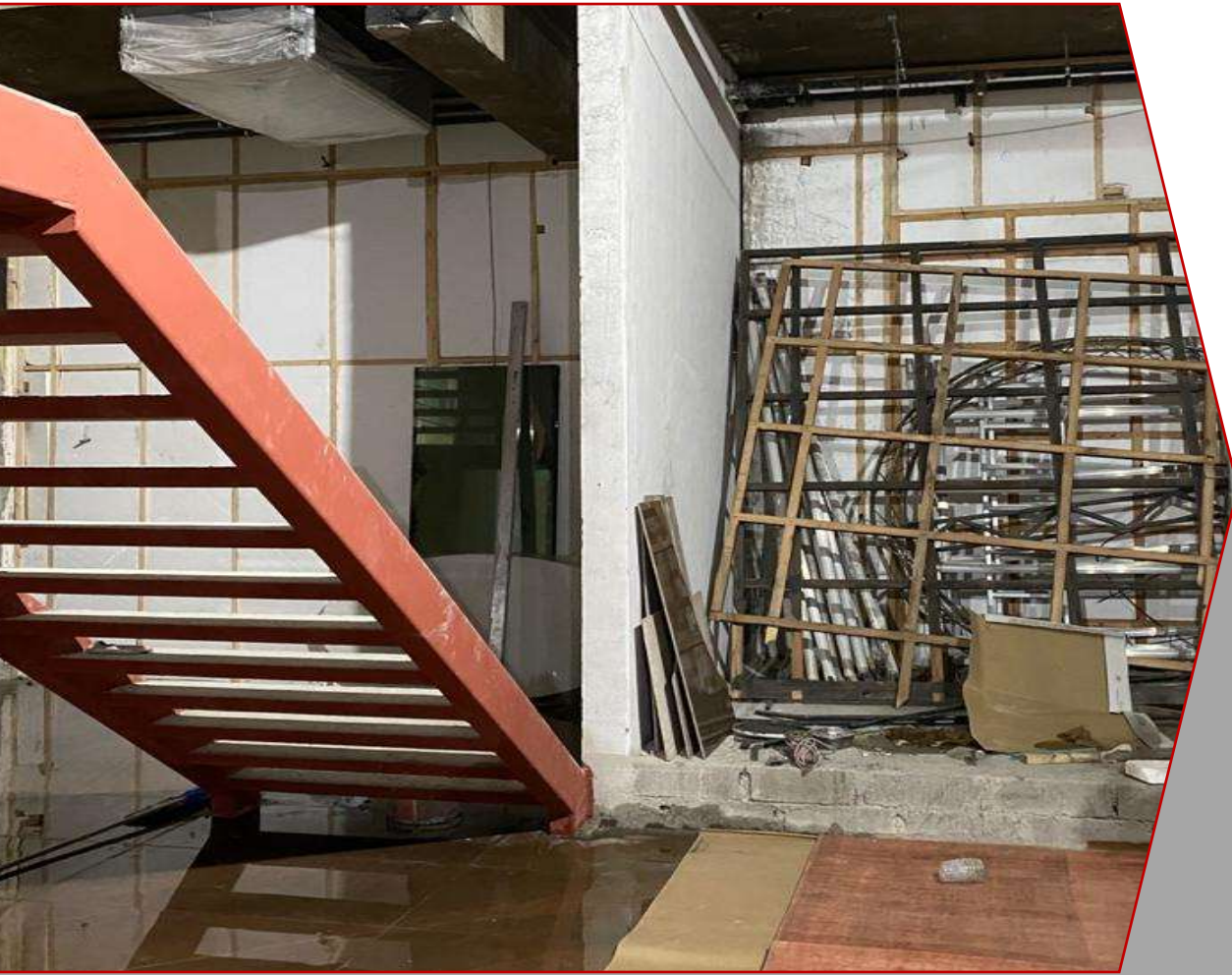




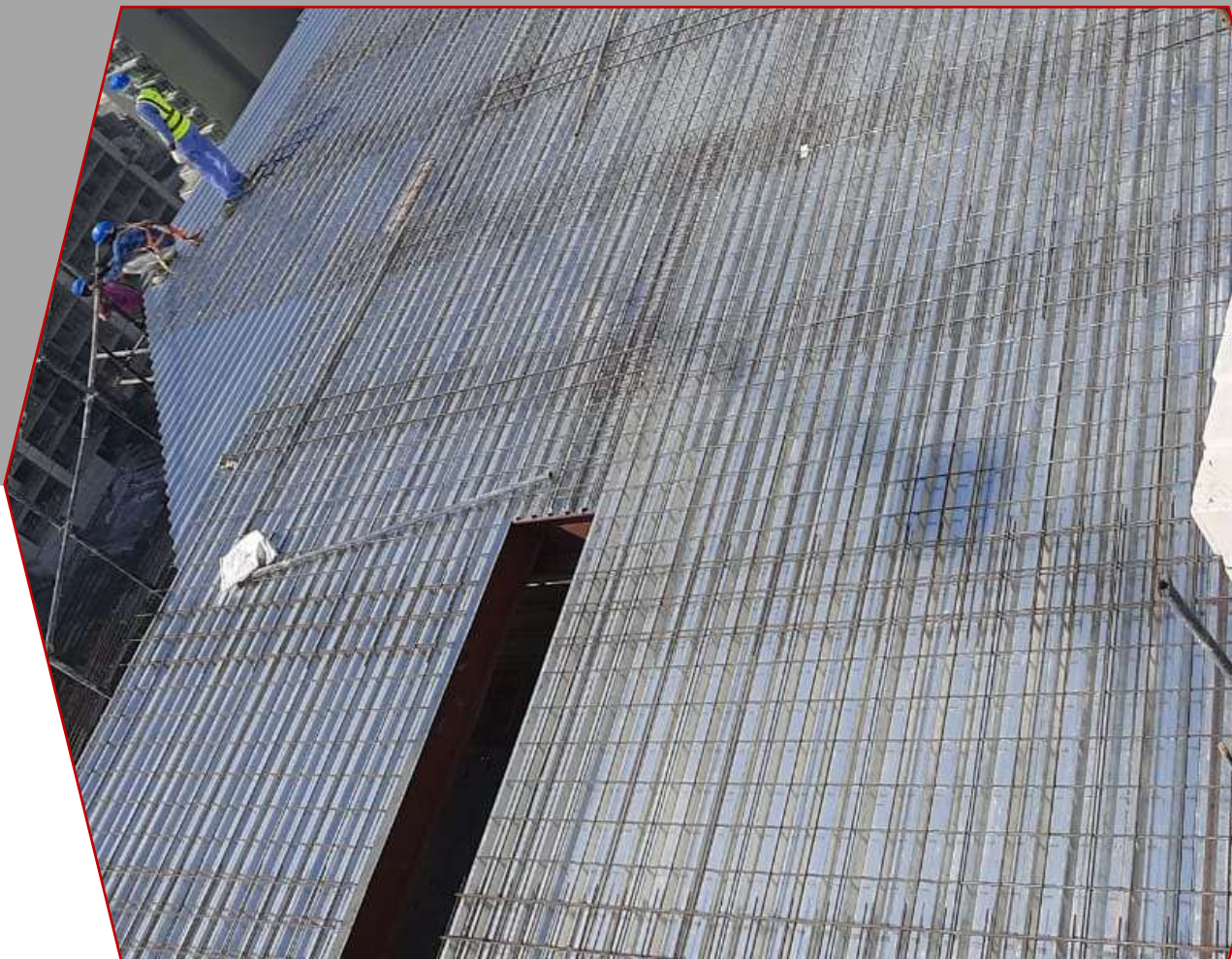
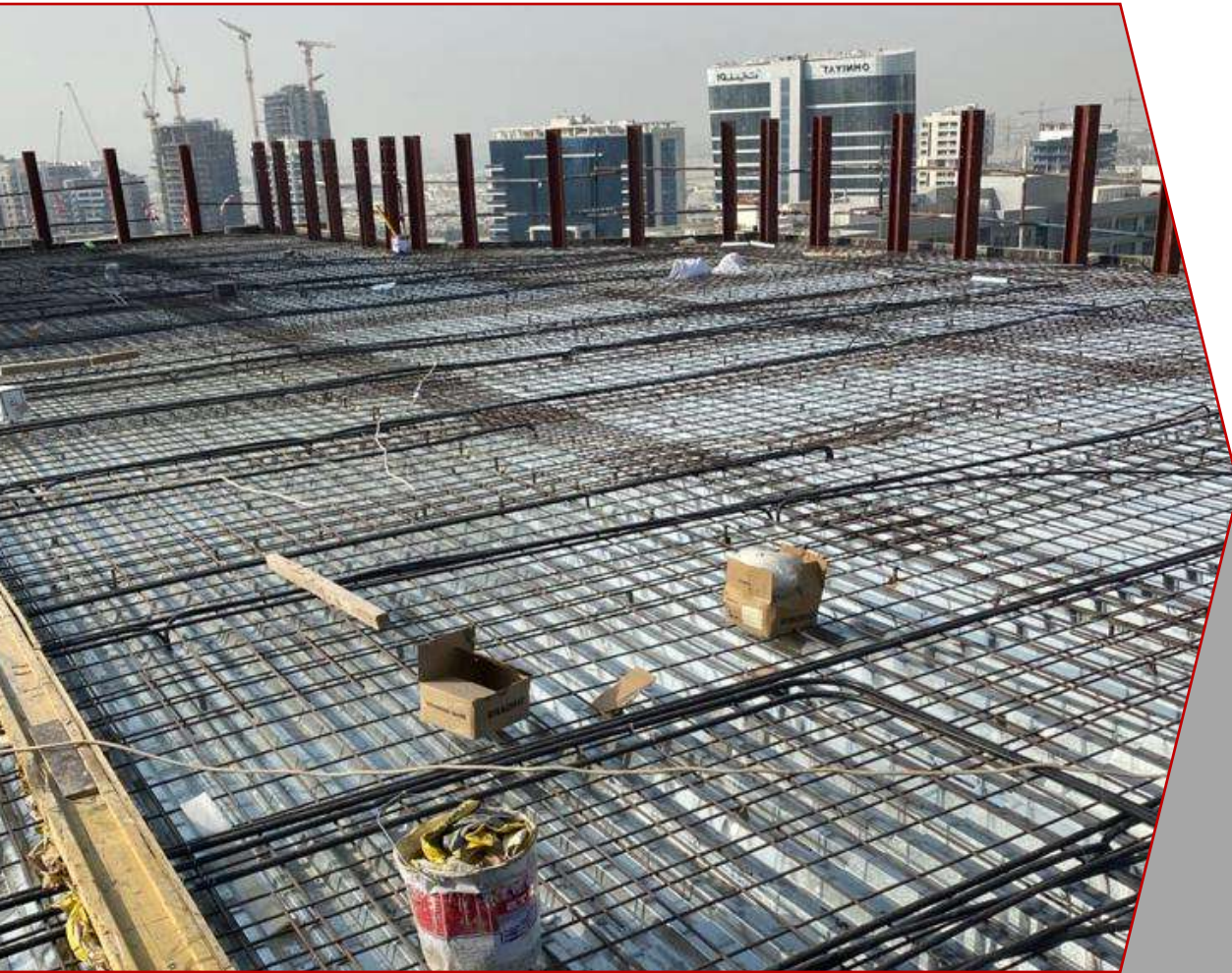




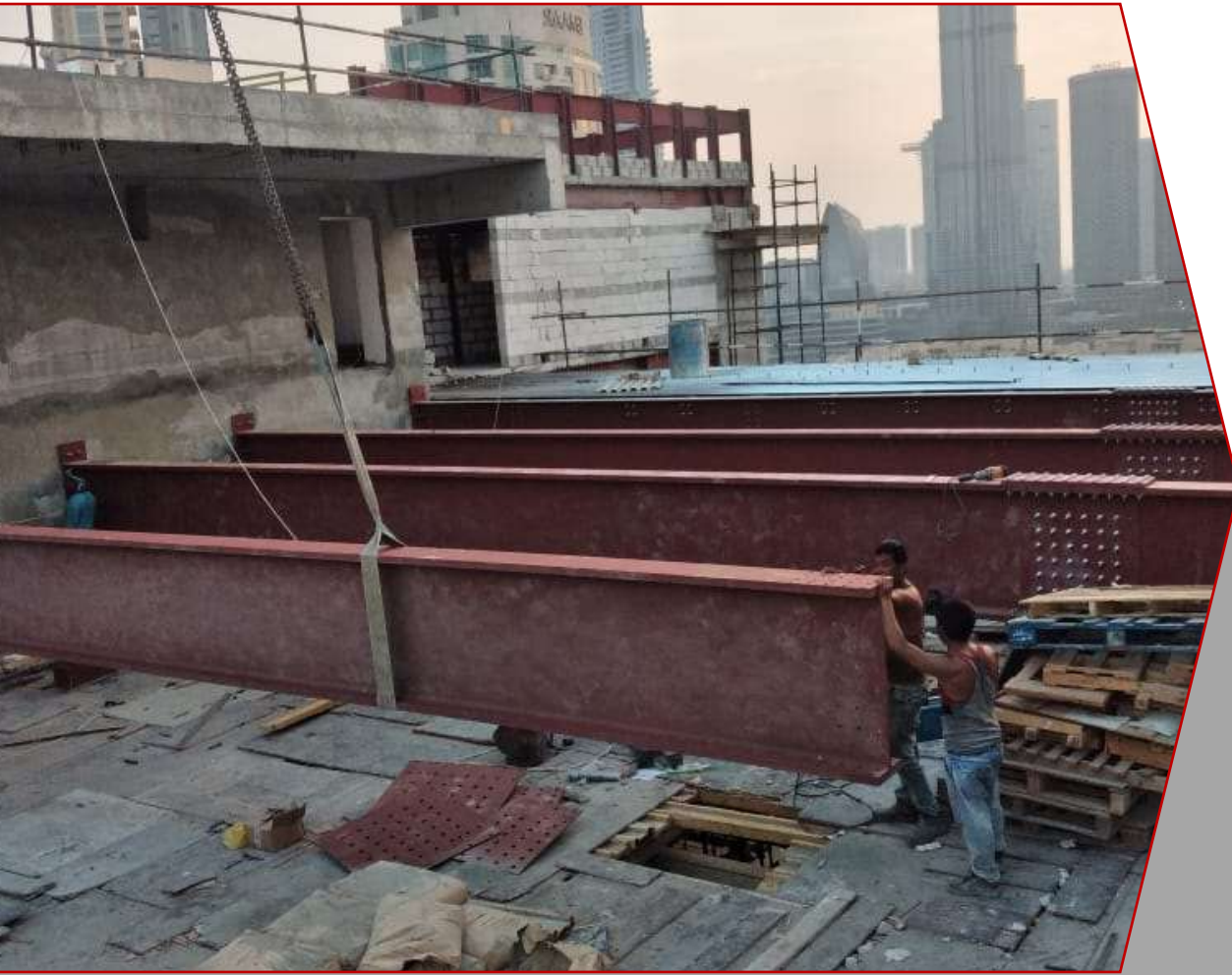






















# P.T. Slab Locking



## Cutting of P.T slabs

During concrete slab edge spall repairs on post tensioned (PT) buildings or has been provided with an additional slab opening, the contractor has to cut some cables in PT slab. The problem is that the PT anchors are holding very high PT cable loads. The loads help support the interior areas of the building. Replacing a PT anchor or cutting the internal cables of PT slab that is holding load, requires additional concrete lock off to catch the cable and prevents its movement.

Cutting openings in PT slabs does require care and caution because of the possibility a PT tendon may get cut. Tendons carry a high amount of force, usually around 27,000 pounds for a 1/2-inch-diameter strand, and must be detention in a controlled manner to assure performance and safety. However, with the proper knowledge of structural behaviour, repair hardware, and PT field practices, retrofitting openings and other penetrations in PT slabs is not only feasible but achievable safely and economically.





## 7. HCR HIGHLIGHTS

Has a successful track record of completing projects in all sectors (strengthening, repairs, CFRP applications, cracks injection, retrofit of structures etc.).

- HCR has a well-developed system of project management.
- HCR has a proven track record of completing projects safely, on time and within budget.
- HCR has dedicated QA/QC engineers working closely with the client and material manufacturers to ensure quality application / installation of specified systems.
- Equipped with specialized machinery and tools with advanced technology, capable on implanting and project of any size.

## 8. OUR HOME

HRM is the keystone of our structure. HCR policies run deep through our people both in the office and on-site. Our reputation reflects our people who minor these qualities.

At each level, we select the most qualified people for the job, regardless of any other considerations and train them rigorously and continuously. We motivate them to deliver their excellence through attractive rewards including salaries, bonuses, living and working conditions, opportunities for growth and career development, involvement in decision making with considerable freedom of action and above all, be fair and transparent performance appraisals – the basis for evaluation and reward.

HCR's consistency in timely delivery has only been achieved through the loyalty and dedication of our workforce.

The trainees at HCR always enjoy the wealth of knowledge and expertise contained within the business but is actively encouraged to further develop through education and external training with a view to becoming the masters tomorrow.

## 9. **QUALITY ASSURANCE**

We endeavour to provide the best services to our clients by our never-ending efforts to create the optimum environment for society. We Comply with all group, local, national and federal guidelines, laws, rules and regulations.

HCR policy is to realize quality management and customer satisfaction by establishing an effective quality system that satisfies the requirements of the client. All the employees at HCR including the management staff are fully conversant with HCR Quality Program and endeavour to implement it, and continuously execute it in order to provide the best quality to the client.

## 10. **HEALTH, SAFETY & ENVIRONMENT POLICY**

Health, Safety and Environmental (HSE) Management is an integral and essential part of the way HCR does business and is considered as an equal part of the wider system for the management of our business. Through effective management, HCR aims to be the preferred contractor and the favoured employer.

HCR's goal is to protect our people, the public, our property and the environment in which we work and live. It is a commitment that is in the best interests of our customers, our employees and all other stockholders.

HCR Complies with all applicable laws and relevant industry standards of practice. HCR continuously evaluates the Health, Safety and Environmental (HSE) aspects of our equipment and services.

HCR believes that effective HSE management is good business and is committed to the continuous improvement of HSE management practices. From top management through entry-level everyone is responsible and accountable for HSE.

HCR HSE policy has been prepared in an effort to set standards to prevent injuries, illnesses and death from work-related and to minimize losses of material resources and interruptions from accidental occurrences. It is directed toward the control of all types of hazards encountered in the performance of official duties.

HCR safety plan is a part of a continuing program for providing safety information to personnel: all share in the responsibility for the HSE of our employees, subcontractors, and visitors.



New employees starting at the company for the first time shall be subjected to a full training orientation program to be out on the project site. All new staff/subcontractors/visitors shall be required to attend an induction course before they are allowed to work on the site.

Each supervisor and foreman are to ensure that employees under his supervision receive an initial orientation. The orientation program shall include; Use of personal protective equipment, Use of personal tools, site housekeeping, Fire prevention and protection, Safe use of hand and power tools, Electric hazards and safe use of electricity, Use of ladder and scaffolding Working and height and fall prevention, Safe working in excavation, confined space, permit to work system, first-aid/emergency and medical treatment, disciplinary and incentive procedure.

Engineering controls shall be the primary method used to eliminate or minimize hazard exposure in the workplace. When such controls are not practical or applicable, personal protective equipment shall be employed to reduce or eliminate personnel exposure to hazards.

The personal protective equipment includes:

- Safety Helmets.
- Safety Glasses/Goggle (with side shield)
- Safety Shoes.
- Safety Hand Gloves.
- Safety Ear Protectors.
- Safety Coveralls.
- Safety Harness.
- Respiratory Protection (Dust mask, breathing apparatus, Gas cartridge protectors, etc.)

All personal protective equipment shall conform to the relative standards.

A first aid box shall be kept at the HCR site always. The site-in-charge shall be trained in the basic application of first aid. The first aid kit shall be properly maintained.

The contact numbers of the nearest medical facilities available shall be found out and recorded. The injured person shall be immediately transported to the nearest medical facility.

The crew must keep their work areas tidy and not allow rubbish or scrap to assumable. It is the Site-in- charge's responsibility to ensure that all waste is disposed of as required by the U.A.E. Authorities. Hazardous waste must be properly contained, identified and segregated from other waste. Flammable rubbish must be disposed of at the end of each shift, or more regularly if necessary.

# 11. LICENSE & AUTHORITY APPROVAL



## رخصة تجارية Commercial License

### تفاصيل الرخصة / License Details

License No.	585267	رقم الرخصة
Company Name	ALHADDAD CONCRETE REPAIRS L.L.C	اسم الشركة
Trade Name	ALHADDAD CONCRETE REPAIRS L.L.C	الاسم التجاري
Legal Type	Limited Liability Company(LLC)	الشكل القانوني
Expiry Date	27/08/2023	تاريخ الإنتهاء
D&B D-U-N-S ®	581529152	الرقم العالمي
Register No.	1218348	رقم السجل التجاري
Issue Date	28/08/2008	تاريخ الإصدار
Main License No.	585267	رقم الرخصة الأم
DCCI No.	110502	عضوية الغرفة

11.1 Dubai branch

### الاطراف / License Members

Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الاسم	No./ الشخص
	Manager / مدير	Egypt / مصر	عبدالحامد عبدالحامد علي الحداد	229442
			ABDELHAMID ABDELHAMID ALI ELHADAD	

### نشاط الرخصة التجارية / License Activities

Steel Constructions Contracting	مقاولات تشييد الإنشاءات المعدنية
Concrete Restoration	اصال ترميم الخرسانة
Painting Contracting	اصال الاصباغ والدهانات
Plaster Works	اصال البلاستر

### العنوان / Address

Phone No	971-4-2723609	تليفون	P.O. Box	231761	صندوق بريد
Fax No	971-4-2723904	فاكس	Parcel ID	231-219	رقم القطعة
Mobile No	971-50-6397398	هاتف متحرك	Email / الإلكتروني		البريد الإلكتروني
					مكتب رقم 1402 ملك عبد الرحمن محمد التشارده ديرة - النهدة

### ملاحظات / Remarks

مقاولات تشييد الإنشاءات المعدنية (أرمني + أول)  
تم اختيار السبب واضافة نشاط في 17/10/2021

Print Date 24/08/2022 19:05 تاريخ الطباعة

Receipt No. 14545718 رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل القصيرة. أرسل رقم الرخصة إلى 6969 (دو اتصالات) للحصول على إذن التفع.  
Now you can renew your trade license by sending a text message (SMS). Send your trade license number to 6969 (Du/ Etisalat) to receive payment voucher.

Get FREE access to Zoho One for the first year  
احصل على زوهر ون مجاناً للسنة الأولى



وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة  
this is a certified e-document issued without signature by the department of Economy and Tourism. Kindly Scan the QR Code to Verify the certificate



## 11.2 Sharjah branch

GOVERNMENT OF SHARJAH  
Economic Development Departmentحُكُومَةُ الشَّارِجَةِ  
دائرة التنمية الاقتصاديةرخصة تجارية  
Trading License

## تفاصيل الرخصة License Details

Issue Date	2020/01/27	تاريخ الإصدار	License No.	775465	رقم الرخصة
Expiry Date	2023/01/27	تاريخ الإنتهاء	Registration No.	190602	رقم السجل
Trade Name	AL HADDAD BLDG. MAINT. L.L.C			الحداد لصيانة المباني ذ.م.م	
Legal status	Limited Liability Company			شركة ذات مسؤولية محدودة	

## أطراف الرخصة License Members

الحصص	الصفة	رقم الهوية / الجواز	الجنسية	إسم المستثمر	رقم المستثمر
Shares	Type	ID/Passport No.	Nationality	Investor Name	Investor No.
%51	شريك	784198841696143	الإمارات	عبدالقحاح سيد محمد سيد احمد الحمادي	84784
%25	شريك	784198173803093	مصر	محمد سياد بوكري باجاكي ابوبكري	4820377
%24	شريك	784197251653800	مصر	عبدالحمد عبدالحمد علي الحداد	4820376

المدير: محمد سياد بوكري باجاكي ابوبكري، عبدالحمد عبدالحمد علي الحداد

أنشطة الرخصة: مقاولات فئة سلسة صيانة المباني

العنوان: الشارقة/النهدة / الشارقة شارع الاتحاد مكتب رقم 410 طابق رقم 4 ملك محمد عبدالله عبدالحلوف المال

رقم الهاتف المنزلي: 0507690431

صندوق البريد: 60094 الشارقة

البريد الإلكتروني: a@gmail.com



تاريخ الطباعة: 2022/02/17

رقم المستخدم: 39795

- This document is official. It doesn't need to be stamped or signed.

To view license details please visit SEDD web site: [www.sedd.ae](http://www.sedd.ae)

- Distribution of flyers is strictly prohibited in public and residential areas.

Distribution is allowed through:

- هذه الوثيقة رسمية ولا تحتاج لتمد أو توقيع.

للتأكد من صحة البيانات يرجى زيارة موقع الدائرة: [www.sedd.ae](http://www.sedd.ae)

- يمنع منعاً باتاً توزيع الإعلانات في الأماكن العامة والأحياء السكنية التوزيع فقط عن طريق الصحف، المجلات

وتلفزيون البريد.

## 11.3 HCR Building Contracting L.L.C



## رخصة تجارية Commercial License

License Details / تفاصيل الرخصة			
License No.	984368	رقم الرخصة	
Company Name	H C R BUILDING CONTRACTING L.L.C	اسم الشركة	اتش سي ار لمقاولات البناء ذ.م.م
Trade Name	H C R BUILDING CONTRACTING L.L.C	الإسم التجاري	اتش سي ار لمقاولات البناء ذ.م.م
Legal Type	Limited Liability Company(LLC)	الشكل القانوني	ذات مسئولية محدودة
Expiry Date	21/09/2023	تاريخ الإنتهاء	Issue Date 22/09/2021
D&B D-U-N-S ®	0	الرقم العالمي	Main License No. 984368
Register No.	1628131	رقم السجل التجاري	DCCI No. 377511
		رقم الرخصة الأم	
		عضوية الغرفة	

License Members / الأطراف				
Share / الحصص	Role / الصفة	Nationality / الجنسية	Name / الاسم	No / رقم الشخص
	Manager / مدير	Egypt / مصر	عبدالحمد عبدالحمد علي الحداد	229442
			ABDELHAMID ABDELHAMID ALI ELHADAD	
	Manager / مدير	Egypt / مصر	محمد سيلبا بوكري باجاني ابوبكري	871478
			MOHAMED SELA BOKARY BAGAKE ABOBAKREY	

Steel Constructions Contracting  
Building Contracting

### License Activities / نشاط الرخصة التجارية

مقاولات تشييد الانشاءات المعدنية  
مقاولات البناء

Phone No  
Fax No  
Mobile No 971-50-7690431

تليفون

فاكس

هاتف متحرك

P.O. Box

Parcel ID

231-219

### Address / العنوان

صندوق بريد

رقم القطعة

البريد الإلكتروني / Email

مكتب رقم 1402 - ملك عبدالرحمن محمد راشد الشارد - النهدة1

### Remarks / الملاحظات

Print Date 07/10/2022 11:11 تاريخ الطباعة

Receipt No.

14615255

رقم الإيصال



يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة، أرسل رقم الرخصة إلى 6969 (دو/اتصالات) للحصول على إذن التفعّل.  
Now you can renew your trade license by sending a text message (SMS). Send your trade license number to 6969 (Du/ Etisalat) to receive payment voucher.

Get FREE access to Zoho One for the first year  
احصل على زوهو ون مجاناً للسنة الأولى



وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة this is a certified e-document issued without signature by the department of Economy and Tourism. Kindly Scan the QR Code to Verify the certificate



## 11.4 Other Certificates

NUMRI SERIAL:  
SN-629587-01-20

  
REPUBLIKA E SHQIPËRIE  
MINISTRIA E FINANCËVE DHE EKONOMISË  
QENDRA KOMBËTARE E BIZNESIT

**ÇERTIFIKATË REGJISTRIMI**

Personit të tatueshëm:  
AL HADDAD CONCRETE REPAIRS – Shoqëri me përgjegjësi të kufizuar

Statusi:  
Aktiv

Me adresë kryesore:  
Tiranë, Tiranë, Rruga Migjeni, Pallati 298/216, Hyrja 4, Apartamenti 19.

I jepet ky numër identifikimi (NUI):  
M01331009U

Afati i veprimtarisë:  
Nga: 16/01/2020 deri

DATA E REGJISTRIMIT  
31/01/2020

DATA E LËSHIMIT  
31-01-2020

SPORTELI I SHËRBIMIT:

  
QENDRA KOMBËTARE E BIZNESIT  
(Emri, Mbiemri) i ashpëruesit të sportelit

Kjo çertifikatë është regjistruar e ndaluar të përdoret për qëllime tjera se sa ato të cilat janë të shprehura në këtë akt dhe të cilat janë të shprehura në aktin e regjistrimit të kësaj kompanie.



حكومة دبي  
GOVERNMENT OF DUBAI



بلدية دبي  
DUBAI MUNICIPALITY

## شهادة سجل مزاولة المهن الهندسية

### ENGINEERING PROFESSIONS PRACTICE CERTIFICATE

الإسم التجاري : **الحداد لاعمال ترميم الخرسانة (ش.ذ.م)**

رقم الترخيص : **585267**

تاريخ اصدار الرخصة : **28-08-2006**

تاريخ انتهاء الرخصة : **27-08-2020**

الأنشطة المسجلة وغير المصرح العمل بها لجميع المشاريع

الخلاف الترخيص

الأنشطة المسجلة والمصرح العمل بها

أعمال التأسيس والبناء  
أعمال البستنة والتسوية  
أعمال ترميم الخرسانة

مقاول تشييد المنشآت المعدنية

مدير  
شريك  
شريك

عبد الحميد عبد الحميد علي الحداد  
عبد الناصر سيد محمد سيد احمد العمادي  
عبد الحميد عبد الحميد علي الحداد

أجمالي عدد الأنشطة - 4

ملحقات السجل : - لا يجوز البدء أو القيام بتنفيذ أية مشاريع للأنشطة المسجلة والفقر مصرح العمل بها لحين استيفاء المعايير المطلوبة

تاريخ الطعنة : 19-01-2020

أي تغيير في اشتراطات مزاولة المهنة قد يؤدي إل إلغاف الرخصة في سجلات البلدية

لجنة قيد وترخيص  
مزاولة مهنة الاستشارات الهندسية والمقاولات  
إدارة تراخيص البناء

تعتبر هذه الشهادة لائمية في حال حدوث أي كشط أو تغيير أو تعديل وتجدد سنوياً



Bringing service to life



Date: 29-JUN-2020

Serco Middle East  
P O Box 9107  
Dubai  
United Arab Emirates  
T +971 (0)4 4173000  
F +971 (0)4 4173134  
E mytfr@serco.ae  
www.serco.com

Dear MOHAMMED SEILA ,

**Subject: WORK COMPLETION CERTIFICATE**


This is to certify that Al HADDAD concrete repair has successfully completed below works

- 1) 5 Location Injection [25-DEC-2020]
- 2) SDN-UNI injection WORKS [30-MAY-2020]

Thanking you and assuring you for your best services for SERCO and our client RTA

Yours sincerely,

**ALEXANDROS TSIACHRIS**  
Civil & Track Manager

Signature: 

Date: 30 June 2020

Serco in Confidence


Serco Limited (Dubai Branch Office), a division of Serco Ltd., a company registered in England and Wales No. 340346.


إدارة المباني قسم تراخيص البناء		ترخيص أعمال تعديلات	
رقم الترخيص	: 253107 - 45 - 2	تاريخ الإصدار	: 28/09/2018
اسم المالك	: شركة لوب الخفارية المحدودة - ش.م.م	تاريخ الطباعة	: 28/09/2018
رقم الأرض	: 6455911	اسم المنطقة	: وادي الصفا 3
نوع الرخصة	: تقديم نهائي لتعديلات أو إضافات	نوع المبنى/ عدد المباني	:
وصف العمل	: إضافة طوابق للمباني C1+C2+C3+B2 عمل تعديلات معمارية وإنشائية على الطوابق المرخصة	استعمالات المبنى	:
رقم المبنى المعزل	: 6 * 5 * 17 * 16		
الاستشاري	: جوي للاستشارات الهندسية	رقم الرخصة	: 118162
الاستشاري القديم	: تيليو أس بي ميديل إيست للاستشارات الهندسية والمعمارية		
الشركة المنفذة	: مستأجل بلدرز ش.م.م	رقم الرخصة	: 649275
المقاول الثانوي	: (الحداد لأعمال ترميم لخرسانة) ش.م.م	رقم الرخصة	: 585267
قيمة الرسوم	: 6520	رقم الإيصال	: 201800371320
قيمة تأمين المقاول	:	رقم الإيصال	: 0
التجديدات	: للتجديد	الرقم	:
إشترطات خاصة	<p>specialist report to be attached (قبل صب سقف الطابق) (4) للمبنى رقم (5)</p> <p>تحسين مقاول مخصص بأعمال ترميم لخرسانة (قبل بدء العمل) للمبنى رقم (5)</p> <p>تسمية مقاول البتلون المعتمد للخرسانة مسبقة الشد (قبل صب سقف الطابق) (5) للمبنى رقم (17)</p> <p>استكمال اعتماد مخططات الدفاع المدني من خلال النظام الإلكتروني (قبل صب سقف الطابق)</p>		
إشترطات عامة	<p>1. يسمح المقاول المتكبر بالعمل طبقاً للمخططات المعتمدة مع هذا الترخيص مع الالتزام بقرارات الدفاع المدني والسلامة بموقع العمل.</p> <p>2. ينشأ الترخيص إذا تم بدء العمل خلال ستة أشهر من تاريخ الإصدار أو إذا توقف العمل كلياً في الموقع لمدة تزيد عن ستة أشهر.</p> <p>3. على المقاول إخطار الجهات المختصة بالموعد وإصدار شهادة الترخيص واسترداد التأمين عند الانتهاء من العمل.</p> <p>4. يجب إبلاغ اسم المقاول في حال حدوث أي إصابات أو إضرار في الأفراد أو الممتلكات أو الجوار.</p> <p>5. يجب اتباع الأوامر المحلية والقوانين والإجراءات الخاصة بالبناء.</p> <p>6. على المقاول إزالة الأنقاض ومخلفات العمل والمحافظة على نظافة الموقع والجوار.</p> <p>7. على الاستشاري والمقاول الرئيسي التأكد من أن كافة المخططات للترميم رخصت سابقاً للمقاول في إدارة دبي.</p> <p>8. للتفويض على كافة الشروط والأحكام الخاصة بالمعتمدة يرجى الرجوع للنظام الإلكتروني.</p> <p>9. في حال وجود المشكلات على المقاول التفتيش أعلاها وفقاً للمعيار الهندسية ولتحت إشراف مهنيين إذا زاد ارتفاع المبنى عن رخصتي = فون</p> <p>10. يسمح بصيغ المباني بقوان الترخيص مع البنية التحتية المحيطة بالموقع</p>		
هاتف طوارئ البلدية: (2232323) (8004999).	<p>هاتف طوارئ البلدية: (2232323) (8004999).</p> <p>رؤيتنا: مياطينا حلم العالم</p> <p>صفحة 1 من 3</p>		



مدير إدارة المباني



 دبلية دبي DUBAI MUNICIPALITY		<b>تصريح أعمال تعديلات</b>		إدارة المباني قسم تراخيص البناء	
رقم التصريح :	253107 - 45 - 2	تاريخ الإصدار :	28/09/2018	تاريخ الطباعة :	28/09/2018
اسم المالك :	شركة أبواب الطارية المحدودة - ش.ذ.م.م				
رقم الأرض الجديد :	6455911	اسم المنطقة :	وادي الصفا 3		
<b>شروط الخدمات :</b> الدفاع المدني					
قرار المهندس : معتمدة					
PROVIDE SOUNDER BASED DETECTORS AT BEDROOMS/STUDIOS COMPLY WITH UAE CODE FOR CURTAINWALL, roofing, CLADDING, GLAZING, WALL SYSTEMS, BALCONIES AND CONSTRUCTION ALL AREAS SHALL BE COVERED BY PROPOSED SPRINKLERS, DETECTORS AND EMERGENCY LIGHTING ALL HOSE SHALL BE CLASS III, WET RISERS, LOCATED AT EACH STAIR AND AT 30M COVERAGE THROUGHOUT PROVIDE HYDRANTS TO COVER ALL AREAS HYDRANT TAPPING IS FROM EXISTING NETWORK AND EXISTING PUMP DEDICATED TO HYDRANTS WET RISER AND SPRINKLER SYSTEM PUMP ROOM SIZE SHALL HAVE STANDARD STAIR ACCESS AND SPACE SHALL BE ADEQUATE FOR MAINTENANCE PROVIDE VENTILATION WATER TANK SHALL BE FOR ONE HOUR DURATION EMERGENCY LIGHTING SHALL BE MONITORED TYPE OR CROSS ZONED IF IT IS CENTRAL BATTERY SYSTEM ALL UNDERGROUND HYDRANT PIPING AND FITTINGS SHALL BE HDPE AND FROM SAME MANUF has previous approvals					
this approval for restamping no approval for any new modification					
APPROVAL IS ONLY FOR REVISION AS CLOUDED AND DECLARED IN NOTES—COMPLY WITH - UAE CODE FOR DESIGN, INSTALLATION AND MATERIAL LISTING OF FIRE AND LIFE SAFETY -SYSTEMS, FIRE EXTINGUISHERS, EXIT SIGNAGE ETC zone control valve shall not be inside the staircase core					
<b>General Condition</b>					
1. Comply with Checklist requirements, UAE Fire and Life Safety Code of Practice for Design, Construction, Installation of Fire and Life Safety systems including Curtainwall, Cladding, Glazing, Roofing, Wall Systems, Fire Doors, Fire Alarm System, Fire Fighting System, Smoke Control System, LPG System.					
2. All the material used, all the Suppliers, all the Contractors implementing Fire and Life Safety Systems in this building shall be registered and approved by Dubai Civil Defence.					
3. Building during construction shall comply with all Fire Safety requirements of Chapter 12, UAE Fire and Life Safety Code of Practice.					
4. It is building owner's responsibility to make sure the appointed Consultants and Contractors follow the Rules and Regulations of Dubai Civil Defence.					
5. It is Consultants responsibility to make sure that no Construction work or System installations is commenced at site without formal approval from Dubai Civil Defence.					
6. It is building owner's responsibility to appoint registered contractors to regularly maintain and ensure that all the Fire and Life Safety Systems in the building are functioning as intended.					

	بلدية مدينة الشارقة ادارة الهندسة (قسم الصيانة و الهدم) <b>تصريح صيانة</b>	رقم الاصدار: ( 1 )
		تاريخ الاصدار: 2008 / 06 / 01
		رقم السجل/الاستمارة: ش ف / 06 / 09

نوع المعاملة: تصريح صيانة انشائية تجارية أو صناعية

المرجع: 380 / 2006



التاريخ: 2020/04/28

رقم المعاملة: 6122 / 2019

المالك: الخليج الاستثمارية - فرع الشارقة

المنطقة: المحطة/الشارقة

رقم القطعة: رقم المنحة: A/273 رقم الملك: V/219

نوع البناء: تجاري

المقاول المنفذ: الحداد لصيانة المباني ذ.م.م

الاستشاري: نيكست للاستشارات الهندسية

يصرح للمذكور أعلاه يعمل الصيانة:

نوع الصيانة: صحية - صبغ واجهات باللون Off White - إنشائية

تم سداد تامين الصيانة بموجب ائصال رقم: 100000046842 بتاريخ: 2020/04/27 بقيمة: 5000 درهم

ملاحظات:

- الصيانة المطلوبة لا تستدعي إخلاء المبنى.
- يعتبر التصريح لاغيا وتتم مصادرة مبلغ التأمين في حالة عدم البدء بأعمال الصيانة خلال شهر من تاريخ الاصدار .
- مدة صلاحية التصريح ستة أشهر فقط من تاريخ اصداره .
- يجوز تجديد التصريح لمدة ستة أشهر أخرى إذا لم يتعارض التجديد مع متطلبات البلدية ودائرة التخطيط والمساحة.
- إصلاح الصواني وعمل نظام صرف حسب الاصول للمكيفات مع تغطيتها باللوفر.
- مراجعة إدارة الدفاع المدني وذلك لإعتماد المخططات وجلب شهادة إستيفاء شروط الأمن والسلامة من الدفاع المدني.
- مراجعة إدارة الموافقات العامة خلال أربعة أيام من تاريخ التصريح.
- الإلتزام بإشتراطات البلدية المرفقة بالتصريح.



SCM-EBS-ENG-F-01-01

هاتف: +971 6 5623333 فاكس: +971 6 5626455 ب.ص.ب: 22 الشارقة، إ.ع.م. Sharjah UAE P.O.Box: 22

www.shjmun.gov.ae

e-mail: info@shjmun.gov.ae



## 12. OUR SUPPLIERS





+971 6 5613600



[info@hcrconcreterepair.com](mailto:info@hcrconcreterepair.com)  
[info.alhaddad1@gmail.com](mailto:info.alhaddad1@gmail.com)



Office: 410 - Mohd Abdulla Abdul Latif  
Al Mulla Al Nahda 1, Sharjah, UAE



[www.hcrconcreterepair.com](http://www.hcrconcreterepair.com)

