



MAAN ALSWAILEM CO.

V: 2-26

Maan Al Swailem Co. (MACO) is a specialized contracting company providing professional firestop system solutions for various types of buildings and facilities.

At MACO, we are dedicated to delivering high-quality firestopping works that ensure complete compliance with international fire safety standards and project specifications.

Our scope covers the supply and installation of certified firestop materials for joints, penetrations, and other fire-rated assemblies, using products approved by civil defense authorities and leading manufacturers such as Fischer, Hilti, and Sika.

In addition, MACO provides specialized solutions for Conductive Flooring Systems, including the supply and installation of electrostatic discharge (ESD) and conductive systems for sensitive areas such as data centers, laboratories, hospitals, and industrial facilities, ensuring full compliance with safety and performance standards.

With a qualified technical team and extensive site experience, MACO guarantees proper application, documentation, and testing to achieve maximum fire resistance, safety performance, and system reliability.

We take pride in being a trusted partner for contractors and consultants in executing major industrial, commercial, and governmental projects across the Kingdom.



Company Profile

Our Vision

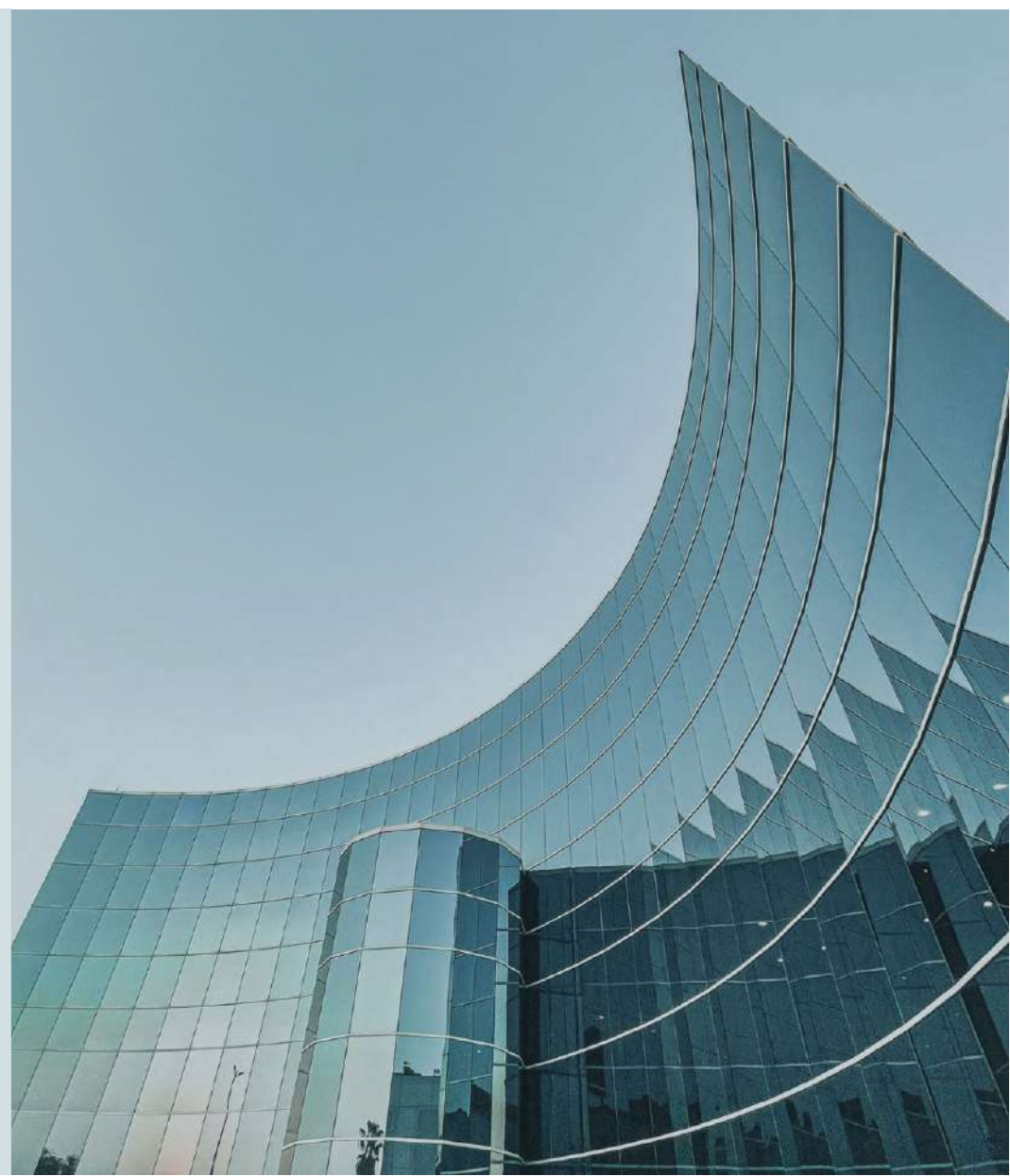
To be the leading company in epoxy and firestop solutions in the Kingdom, through continuous innovation and achieving the highest levels of client satisfaction.

Our Mission

To deliver high-quality services in flooring protection and firestop systems, ensuring safety and sustainability

Company Goals

- **Deliver Excellence:** Ensure the highest quality in all projects through the use of premium materials and advanced techniques.
- **Client Satisfaction:** Build long-term partnerships by meeting and exceeding customer expectations.
- **Safety First:** Adhere to strict safety standards to protect our workforce, clients, and the public.
- **Innovation:** Continuously develop and adopt modern solutions in epoxy, firestop, and protective systems.
- **Sustainability:** Implement environmentally friendly practices to support sustainable development



Company Achievements

- Successfully completed over 100 epoxy flooring projects for industrial, commercial, and governmental facilities across the Kingdom.
- Delivered firestop systems for major infrastructure and high-rise building projects, ensuring compliance with international safety standards.
- Partnered with leading contractors and engineering firms on high-profile projects.
- Achieved 100% client satisfaction rate in recent customer feedback surveys.
- Implemented innovative flooring solutions including anti-slip coatings and 3D epoxy designs.
- Recognized for on-time project delivery and adherence to strict quality and safety guidelines

Company Partnership

Maan Al Swailem Co. (MACO) has established strong partnerships with leading suppliers, manufacturers, and contractors to ensure the delivery of top-quality services and materials.

Through our network of trusted partners, we have access to premium epoxy systems, certified firestop products, and advanced construction technologies.

These collaborations enable us to meet project requirements efficiently, maintain international quality standards, and provide innovative solutions tailored to our clients' needs.

Our Key Partners Include:

- Authorized distributors of internationally recognized epoxy and firestop brands.
- Engineering firms specializing in safety and compliance.
- Local and international construction contractors.
- Suppliers of high-performance industrial coatings and insulation materials

Our Official Papers





شهادة السجل التجاري

شركة معن محمد السويلم

الرقم الوطني الموحد: 7049806040

تاريخ الإصدار: 18/04/2025

نوع الكيان: شركة ذات مسؤولية محدودة

صفات الشركة : (شخص واحد)

حالة السجل: نشط

البيانات الأساسية للسجل التجاري



7049806040

شهادة

اسم المنشأة		شركة معن محمد السويلم	
اسم صاحب العمل			
رقم الاشتراك	٦٥٤٨٠٩٩٠٩	الرقم الوطني الموحد	7049806040
العنوان	السعودية 13323		

عدد المشتركين السعوديين	عدد المشتركين غير السعوديين	المجموع
رقما	0	1
كتابة	صفر	مشترك واحد فقط

تشهد المؤسسة العامة للتأمينات الاجتماعية بأن المنشأة المذكورة أعلاه قد أوفت بالتزاماتها تجاه المؤسسة وفق البيانات المقدمة منها حتى تاريخ اصدار هذه الشهادة، والتي تم منحها لتقديمه لأية جهة تطلبها، وهي صالحة لجميع الأغراض التي نصت عليها الفقرة (6) من المادة (التاسعة عشر) من نظام التأمينات الاجتماعية الصادر بالمرسوم الملكي رقم (م/33) بتاريخ 1421/9/3 هـ و المادة (العاشرة) من نظام التأمينات الاجتماعية الصادر بالمرسوم الملكي رقم (م/273) وتاريخ 1445/12/26 هـ .

هذه الشهادة سارية المفعول حتى 1447/03/17 هـ.

Public عام

الشهادة معتمدة من صاحب الصلاحية ولا تحتاج لتوقيع أو ختم



تحقق من صحة وصلاحيه الشهادة عبر زيارة الرابط أدناه في الموقع الالكتروني للمؤسسة العامة للتأمينات الاجتماعية او عن طريق استخدام الرمز المعرف التالي

تعد هذه الشهادة من الوثائق الالكترونية الحكومية الرسمية ويحظر قطعاً تقليدها أو إدخال أي تعديلات عليها سواء بالإضافة أو الحذف أو التغيير في بياناتها أو غير ذلك من أنواع التعديل، وتعد الشهادة لاغية إذا شابهت شي من ذلك. كما تعرض صاحبها للملاحقة النظامية أمام الجهات المختصة بالإضافة إلى ما يفرضه نظام التأمينات الاجتماعية من عقوبات، ولا يجوز تداول الشهادة إلا في الأغراض التي أصدرت لأجلها وفقاً لأحكام نظام التأمينات الاجتماعية. والمؤسسة العامة للتأمينات الاجتماعية غير مسؤولة عن أي عملية تزوير أو تعديل تتم على البيانات الواردة فيها.





100251148316217

TIN 3140978017 الرقم المميز
Certificate No. 100251148316217 رقم الشهادة
Certificate date 10/08/2025 تاريخ الشهادة



هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل في ضريبة القيمة المضافة VAT Registration Certificate

تشهد هيئة الزكاة والضريبة والجمارك بأن المكلف أدناه مسجل في ضريبة القيمة المضافة بتاريخ ٢٠٢٥/٠٨/١٠ م

The Zakat, Tax and Customs Authority certifies that taxpayer below is VAT registered on 10/08/2025 AD

Taxpayer Name	شركة معن محمد السويلم	اسم المكلف
VAT Registration Number	314097801700003	رقم التسجيل الضريبي
Effective Registration Date	2025/09/01	تاريخ نفاذ التسجيل
Taxpayer Address	الرياض، الملحق، الأمير سعد بن عبد العزيز، 13222	عنوان المكلف
CR / License	7049806040	رقم السجل التجاري
Contact / ID No		الرخصة / العقد / الهوية
Tax Period	ربع سنوي - Quarterly	الفترة الضريبية
First Filing due date	2025/10/31	تاريخ استحقاق أول إقرار ضريبي

ملاحظة: كمكلفين مسجلين في ضريبة القيمة المضافة، لا يجوز لكم تحصيل ضريبة القيمة المضافة من عملائكم قبل تاريخ نفاذ التسجيل في الضريبة. وفي حال تبين غير ذلك ستقوم هيئة الزكاة والضريبة والجمارك بتنفيذ الغرامات المستحقة

Note: As a VAT registered taxpayer, you are not allowed to collect VAT from your customers prior to the effective date of the tax registration. If otherwise approved, The ZAKAT, Tax and Customs Authority will impose the applicable penalties



zatca.gov.sa

19993

@zatca_sa



هذه الوثيقة مستخرجة من النظام الآلي ولا تحتاج إلى توقيع
و لا يعتد بهذه الشهادة إلا بعد التحقق من موقع الهيئة
www.zatca.gov.sa

Proof Number	1069755247	رقم الإثبات
Original Date	10/8/2025	تاريخ الإصدار
Expiration Date	6/2/2026	تاريخ الانتهاء



إثبات عنوان Address Proof

Address Holder Details

بيانات صاحب العنوان

Name	Company MAAN MOHAMMED ALSUWAILEM	شركة معن محمد السويلم	الاسم
Customer Acc.	3 1 3 3 2 2 2 2 0 4 5		رقم الحساب
Reg. Date	10/8/2025		تاريخ التسجيل

Address Details

تفاصيل العنوان

Short Address	R L S A 7 3 7 5	العنوان المختصر
Building No.	7 3 7 5	رقم المبنى
Street	No. 104	الشارع
Secondary No.	2 5 1 0	الرقم الفرعي
District	Al Masani Dist.	حي المصانع
Postal Code	1 4 7 1 4	الرمز البريدي
City	RIYADH	المدينة
	Kingdom of Saudi Arabia	الرياض
		المملكة العربية السعودية



To Verify للتحقق

<https://proof.address.gov.sa/VerifyProofNA.aspx>

تم إصدار هذا الإثبات إلكترونياً ولا يتطلب التوقيع عليه

تم إصدار هذا الإثبات بناءً على طلب الموضح أعلاه، ويحظر قطعياً تقليده أو إدخال أي تعديلات عليه سواء بالإنشاء أو الحذف، وبعد الإثبات لشخص إذا شابه شيء من ذلك، كما يعرض صاحبه للمساءلة القانونية.

This proof has been issued electronically and does not require a signature

This proof has been issued upon the request of the abovenamed, and it is absolutely prohibited to imitate it or make any modifications to it, whether by addition or deletion, and the proof is considered void if it is marred by something, and its owner is subject to legal accountability.



شهادة اشتراك Membership Certificate

غرفة الرياض
Riyadh Chamber

Membership No. :	1126460	1126460	رقم العضوية الموحد :
Date of Issue:	18/04/2025	2025/04/18	تاريخ الاصدار:
Membership Class :	Fifth	الخامسة	درجة العضوية :
Riyadh Chamber Certifies		تشهد الغرفة التجارية الصناعية بالرياض بأن	
Company MAAN MOHAMMED ALSUWAILEM		شركة معن محمد السويلم	
Commercial Registration No.	7049806040	7049806040	مقيدة بالسجل التجاري / الترخيص رقم :
Certificate Expires on	17/04/2026	2026/04/17	ينتهي سريان هذه الشهادة في



الخدمات الإلكترونية لغرفة الرياض - بوابة أعمال © E-Services Riyadh Chamber

920004565



عام الحرف
اليدوية 2025
The Year of Handicrafts

- يلزم التحقق من الوثيقة عبر الرابط التالي <https://mybusiness.chamber.sa/> او تطبيق (بوابة أعمال)
- للهواتف الذكية دون أدنى مسؤولية على الغرفة التجارية عن محتوى الوثيقة.
- تعتبر هذه الوثيقة مصدقة من غرفة الرياض ولا تحتاج الى توقيع او ختم.
- عند التعديل على الوثيقة او محاولة العبث بها تعتبر لاغية وتعرض صاحبها للمسألة القانونية.



100251148231578

TIN

3140978017

الرقم المميز

Certificate No.

100251148231578

رقم الشهادة

Certificate date

1447/02/13 هـ

تاريخ الشهادة



هيئة الزكاة والضريبة والجمارك
Zakat, Tax and Customs Authority

المملكة العربية السعودية
Kingdom of Saudi Arabia

شهادة تسجيل الزكاة

Zakat Registration Certificate

The Zakat, Tax and Customs

تشهد هيئة الزكاة والضريبة

Authority certifies that the Taxpayer

والجمارك أن المكلف /

شركة معن محمد السويلم

Entity Unified No./ID No

7049806040

الرقم الموحد للمنشأة / رقم هوية

CR National Number/License/
Contract No

7049806040

الرقم الموحد للسجل التجاري / رخصة /
عقد رقم

Is registered on 20/10/1446 AH corresponding to
18/04/2025 AD

مسجل لديها بتاريخ 1446/10/20 هـ الموافق 2025/04/18م

(The twentieth of Shawwal one thousand four hundred forty-six
Hijri)

(العشرون من شوال ألف و أربعمائة و ستة و أربعون هجري)

Was granted this certificate to complete all transactions.

وقد منح هذه الشهادة لإنهاء جميع معاملاته .

يمكن التحقق من صلاحية الشهادة عبر موقع الهيئة www.zatca.gov.sa

The validity of the certificate can be verified via the Authority's Website www.zatca.gov.sa





CERTIFICATE

This is to certify that the



MAAN ALSWAILEM CO.

Building No 7375, No.104 Street, Al Masani Dist, Po 14714, RIYADH, Kingdom of Saudi Arabia

Has Been Assessed and Found to Conform to The Requirements of

ISO 9001:2015

QUALITY MANAGEMENT SYSTEM

This Certificate is valid for the following scope:

General construction , Fire fighting stop system and Epoxy works

Certificate No. : BQSR26609
Registration Date : 13/08/2025
Issue Date : 13/08/2025 R0
Expiry Date : 12/08/2028
Recertification Date : 12/08/2028



Director

BQSR SYSTEMS REGISTECH PRIVATE LIMITED



CB-MS-8842

Accreditation Address : 400, North Center Dr, STE 202, Norfolk, VA 23502, United States of America (USA)

To Verify The Validity of This Certificate Please Visit : www.iafcertsearch.com

Selection Of Projects



MACO Full Projects List

Project	Client	Value
AL-MOANESEA PROJECT (CONCRETE WORK)	—	12,000,000 SAR
AL-MAHDYA PROJECT 2 (CONCRETE WORK)	SEEDAN GROUP	2,300,000 SAR
BUILDING PROJECT IN AL-MAHDYA DES (CONCRETE WORK)	SEEDAN GROUP	1,500,000 SAR
EPOXY PROJECT IN AL-KHALEEG COMPLEX	TAKAMUL ALAZEL	5,520,000 SAR
EPOXY PROJECT MALAZAK 1	TAKAMUL ALAZEL	672,000 SAR
EPOXY PROJECT PARKING 6,2 METRO LINE 4	Freyssinet	2,415,000 SAR
Fire Stop System – STC Data Center	Al Gomeeh	130,625 SAR
Fire Stop System – Bank Al-Belad Data Center	Sama / Kaza / SMEP	300,000 SAR
Waterproofing – Mayaseen School	—	540,000 SAR
Fire Stop – Metro Line 4 G2/3	Freyssinet	809,120 SAR
Fire Stop – Metro Line 4 (6,2)	Freyssinet	112,590 SAR
Fire Stop – Metro Line 4 (6,4)	Freyssinet	92,895 SAR
Fire Stop – MISK	Betoor	25,800 SAR
JBEEL Naval Officers Housing	—	6,000,630 SAR
Rakaa Plaza – Sheikh Jaber Road	—	7,115,000 SAR
AL-QAYRWAN Retail Center – Epoxy	Yusr Development	1,900,000 SAR
AL-Yasmeen Retail Center – Epoxy	Aliah Al Emaar	400,000 SAR
AL-QAYRWAN Retail – Epoxy	Holool Al Tamkeen	240,000 SAR
Fire Stop – SEDRA 2 (ROSHEN)	360 Interiors	150,000 SAR
Sports Boulevard – Red Sands (Fire Stop)	CUB NORTH	60,000 SAR
LOCEED Car Show – Epoxy	ICM Co.	60,000 SAR
ASLAK Factory – Epoxy	ASLAK	120,000 SAR
Diet Center Factory – Epoxy	Diet Co.	57,000 SAR
Fire Stop – NEOM NC2	First Fix	230,000 SAR

JOEEN Project – Epoxy	—	700,000 SAR
Epoxy – AL WOROOD	Ishraqat AlJazeera	250,000 SAR
EPOXY PROJECT ANAS ROAD	ALMAHMAL	290,000 SAR
Shotcrete Works	Freyssinet	105,000 SAR
Epoxy – Orkeed	Ishraqat AlJazeera	200,000 SAR
Fire Stop – KSP (O&M;)	Freyssinet	664,468 SAR
Fire Stop – AMALA Six Senses	Al Tamimi Group	3,000,000 SAR
Fire Stop – AMALA Rosewood	Al Tamimi Group	1,000,000 SAR
Fire Stop – Shura Island MR195	Al Tamimi Group	700,000 SAR
Fire Stop – NEOM NC1	Hassan Allam	120,000 SAR
Epoxy – Al-Solymanyah	Holool Al Tamkeen	1,900,000 SAR
Epoxy – Makaseb Mall	Makaseb Development	380,000 SAR
Painting – LEX Retail Center	Deym Al Omraniyah	800,000 SAR
Epoxy – Al-Narjes Retail Center	Al-Mahmal Co	300,000 SAR
Epoxy – Jawharat Al-Riyadh	Lynx	9,500,000 SAR
Fire Stop – AL-Yamama Hospital	Al-Yamama Group	—
Fire Stop – Amala HE3 (Red Sea)	Abdulmohsen Al Tamimi	450,000 SAR
Fire Stop – Amala HE4 (Red Sea)	Abdulmohsen Al Tamimi	450,000 SAR
Fire Stop – Amala Rosewood	Abdulmohsen Al Tamimi	500,000 SAR
Fire Stop – SIX SENSES	Abdulmohsen Al Tamimi	3,500,000 SAR
Fire Stop – SEVEN	Hassan Allam	2,900,000 SAR
Epoxy – Al-Qayrwan	Almanshaa Co	260,000 SAR
Epoxy – Ayoun Tower	Yusr Development	950,000 SAR
Epoxy – Sport Boulevard	Freyssinet	260,000 SAR
Fire Stop – Sport Boulevard	Freyssinet	350,000 SAR
Epoxy – Al-Basateen	Deym Al Omraniyah	520,000 SAR
Epoxy – PRIME	MAS Co Ltd	6,000,000 SAR

Epoxy – Al Mahmal 11	Al-Mahmal Co	320,000 SAR
Epoxy – Al Mahmal 12	Al-Mahmal Co	480,000 SAR
Epoxy – Al Mahmal 13	Al-Mahmal Co	290,000 SAR
Epoxy – Al Mahmal 14	Al-Mahmal Co	300,000 SAR
Epoxy – Al-Yamama Hospital	Al-Yamama Group	1,600,000 SAR
Fire Stop – Triangle Tower	Sky Galaxy	400,000 SAR
Fire Stop – Rajhi Medical Center	GET	350,000 SAR
Fire Stop – KAFD-506	DESERT SHINE	950,000 SAR
Conductive System- STC Data Center (Al Khobar)	Fenaa Al-Emaar	425,000 SAR
Conductive System- STC Data Center(Al-Mursalat)	Fenaa Al-Emaar	625,000 SAR

MACO
MAAN ALSWAILEM CO.

Picture Of Our Work





٢٠٢٥/١٢/٢٢ ٨:٣٢:٤٨ ص



Fire stop works

01.04.2025 09:00:00 02.04.2025 09:00:00 03.04.2025 09:00:00 04.04.2025 09:00:00



Jbeel project

Naval officers housing

Duration of te project : 18 Months

The cost of the project : 7,630,000 SAR



شبكة الاتصال: 2025/12/12، 10:34:47 ص غرينتش+3
محلي: 2025/12/12، 10:34:47 ص غرينتش+3



شبكة الاتصال: 2025/12/16، 10:47:48 ص غرينتش+3
محلي: 2025/12/16، 10:47:48 ص غرينتش+3



شبكة الاتصال: 2025/12/13، 8:13:52 ص غرينتش+3
محلي: 2025/12/13، 8:13:52 ص غرينتش+3



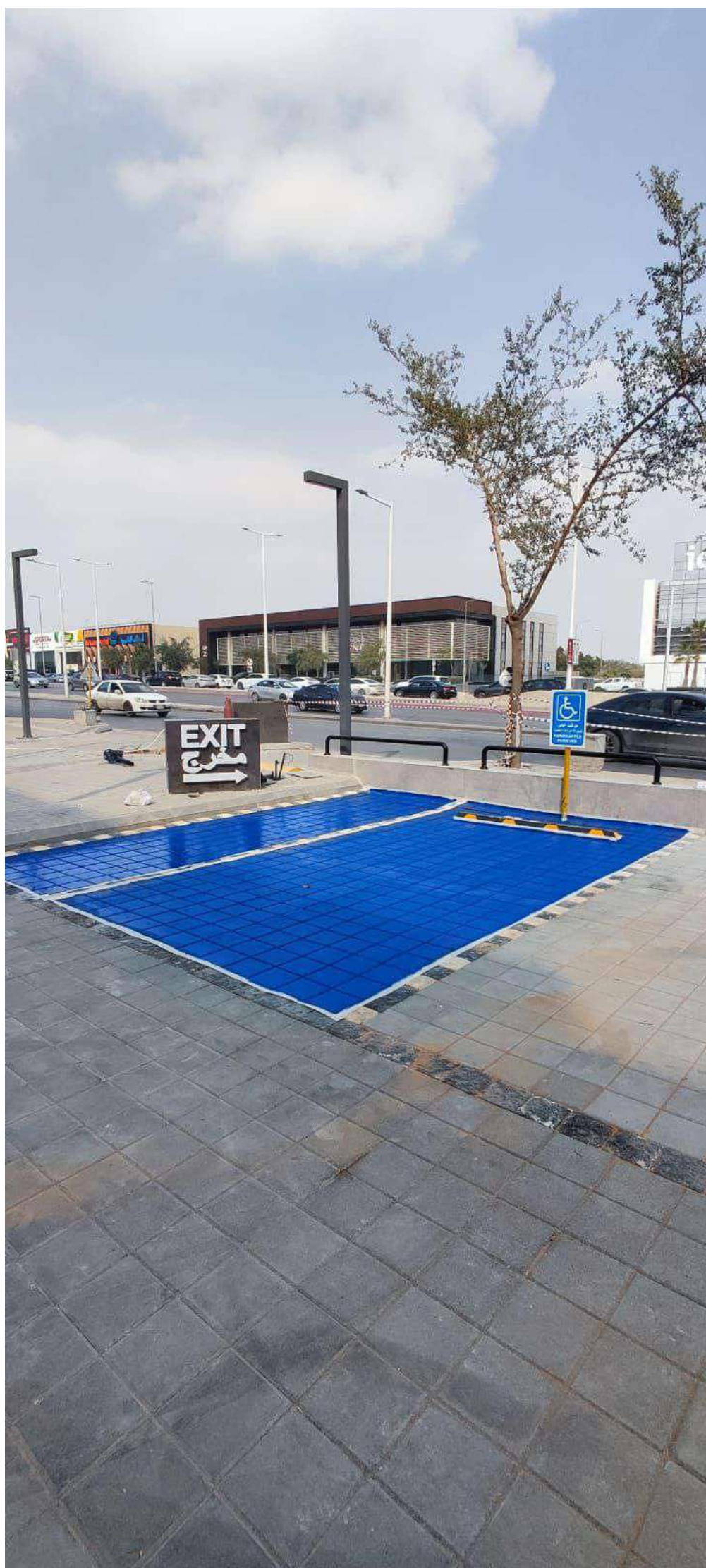
Epoxy project in parking metro
EXIT 15







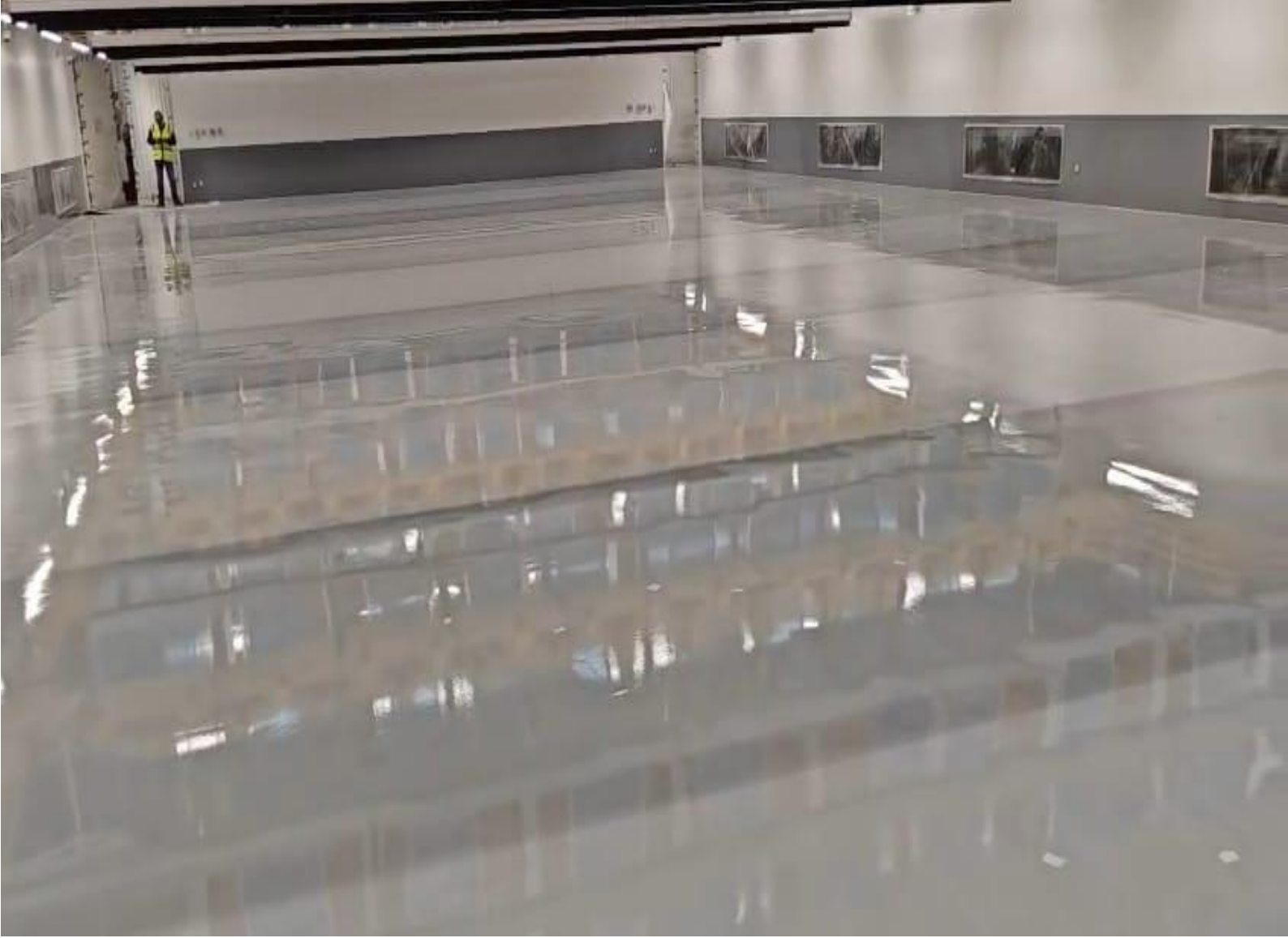










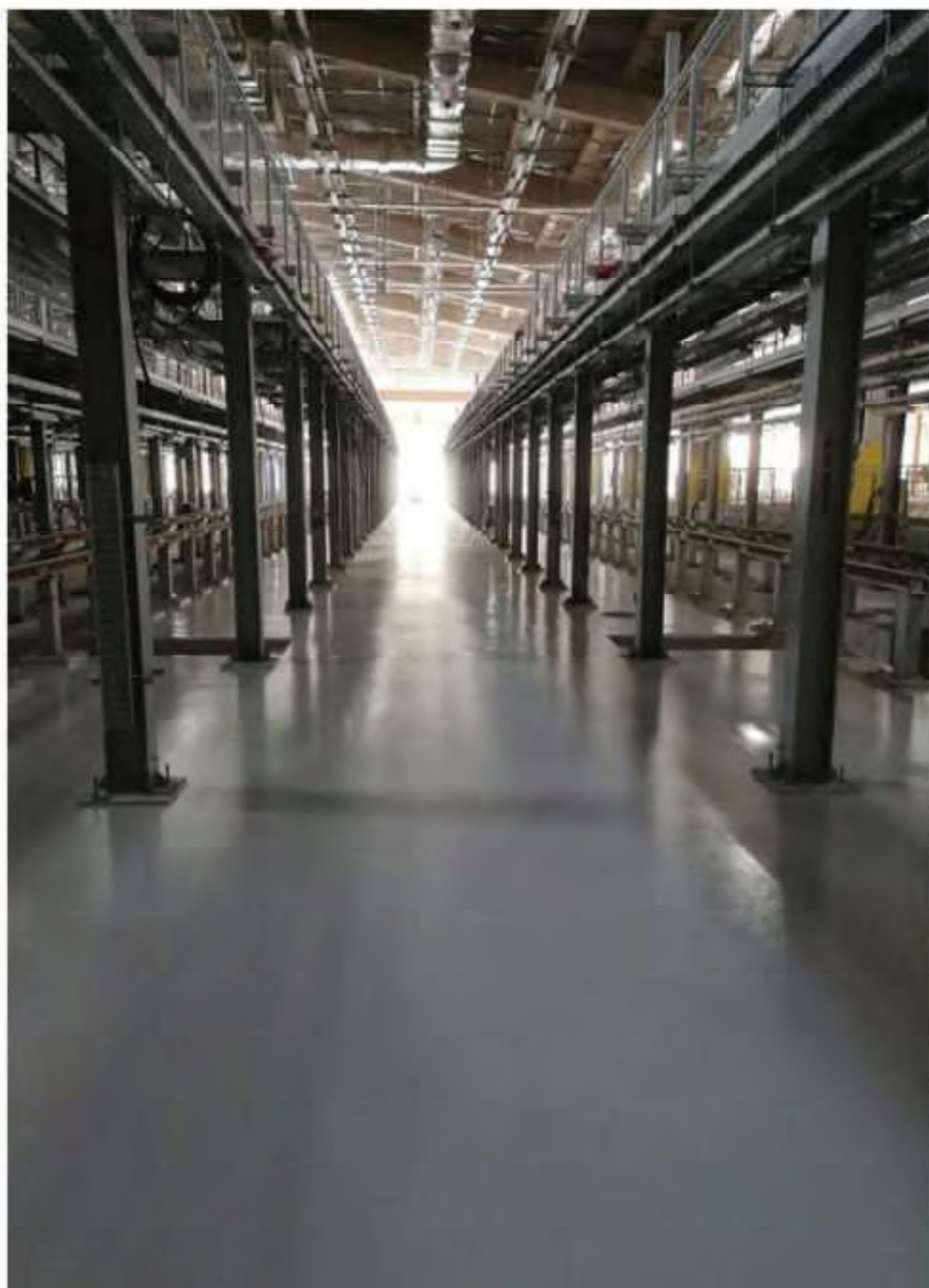






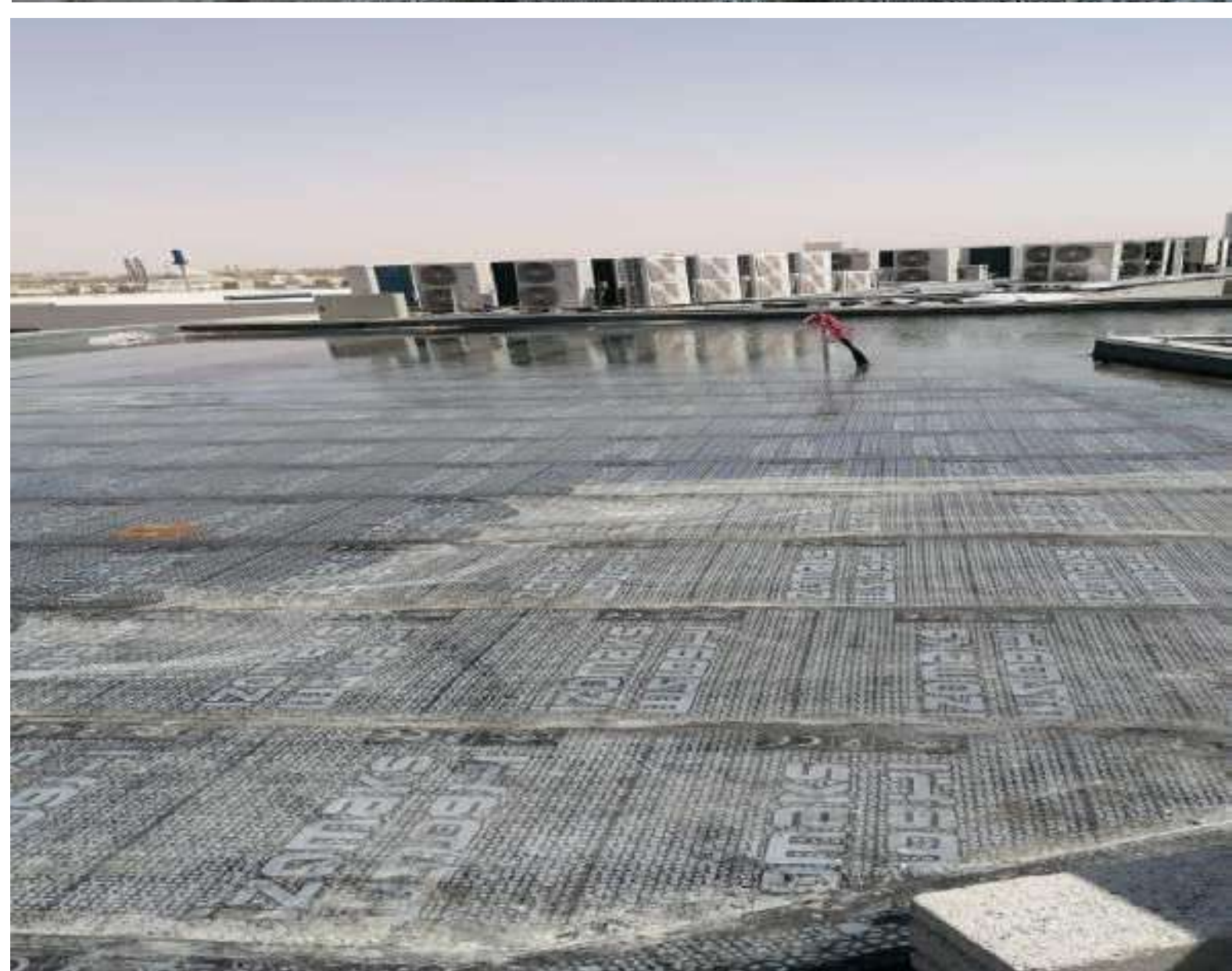
FIRE STOP WORKS

















Supplier Accreditation Certificate

FOSAM COMPANY LIMITED

D C P SAUDI

SAVETO

**CONSTRUCTION MATERIAL CHEMICAL
INDUSTRIES**

FISCHER

CIC Powerful Protection

SIKA SAUDI ARABIA LIMITED



constructive solutions

CERTIFICATE - APPROVED APPLICATOR

We, **FOSAM COMPANY LIMITED** (Saudi Fosroc), certify that

MAAN ALSWAILEM CO.

*achieved a satisfactory level of experience in applying Fosroc products
in the field of Industrial Flooring & Protective Coating*

This certificate has been issued on the 28th of October 2025, upon request and is valid for six months.

*Fosam Company Limited will not bear any responsibility due to misuse of application and has the right to cancel
this certification at any time due to low performance or violation of technical instructions either mentioned
in the technical data sheet or given by Fosam's representative at site.*



Ayman Elwali

Technical and Specification Manager - Fosam Company Limited





CERTIFICATE

date : 18 of feb 2025

Certificate Code : SA/AA/PJ/021825/010

DCP Approved Applicator

This is to confirm the finished process of considering **MAAN MAL-SOWILAM CONTRACTING EST** As approved applicators for **DCP** Waterproofing Products and they completed the training with **DCP**, and they are responsible to insure good quality, provide optimum quality for our products and satisfied experience for our clients.

This certificate is issued and will remain valid for 12 months if all **DCP** standards have been met in terms of correct application procedure, Storing Conditions and the quality of Workmanship. **DCP** recommended mentioned applicator and has no liability of any kind when non-conformity of **DCP** standards occur.

For & on Behalf of
DCP Don Construction Products

شهادة منفذ معتمد لدى سي بي

تشهد شركة دي سي بي أن المنفذ المذكور أدناه مؤسسة معن محمد السويلم للمقاولات قد اجتازوا الاجراءات اللازمة لاعتمادهم كمنفذ معتمد لدى دي سي بي وأنهم انهو التدريبات اللازمة لتطبيق مواد العزل المائي من دي سي بي بجودة عالية و جودة عمل مرضية للعملاء .

هذه الشهادة صالحة لمدة ١٢ شهر مع الأخذ بعين الاعتبار المواصفات القياسية لدى شركة دي سي بي سواء في التطبيق أو التخزين أو جودة التنفيذ حيث تتصح شركة دي سي بي بهذا المنفذ دون أدنى مسؤولية عليها عند عدم الالتزام بسياسات دي سي بي .

شركة دي سي بي السعودية





velonit

مقاول معتمد Certificate of Applicator

We Certify that M/S
Maan Al-Swilm Est. for Contracting
Is an approved applicator for application of

- Flooring and Coating

Vetonit products in The Kingdom of Saudi Arabia

Expiry date December 2025

The certificate issued upon the request of the contractor
and without any liabilities on Saudi Vetonit Co. Ltd. (Sasatel)



لصي الشركة العربية للمعمودية

هذه الشهادة سارية حتى ديسمبر 2025 م

تم إصدار الشهادة بناءً على طلب المقاول دون أي مسؤوليات على شركة قلوبوت السعودية
للمعمودية (سافاتو)

شاهد بنى السداد
مراجعة معتمد محمد السويلم للمقاولات
مقاول معتمد لتطبيق ملاصقات شركة قلوبوت
• منتجات الأرضيات

APPLICATOR CERTIFICATE

THIS CERTIFICATE HAS BEEN AWARDED TO

MAEN MOHAMMED AL
SYELEM FOR CONTRACTING

WHO HAS BEEN REGISTERED AS APPROVED APPLICATOR OF CMCI FLOOR COATING EPOXY PRODUCTS

This certification is issued upon the request and without any liabilities on CMCI. This certification is valid until 30th March 2022. This certificate may be revoked if the correct application procedure or quality of workmanship does not meet CMCI standards.

CMCI
Construction Materials Technical Services



Certified by Engr. Muin K. Mañosa,
Technical Service & Specification Manager

CMCI TSS-00001-300321x

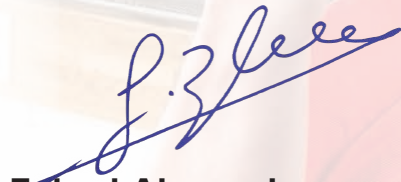
fischer CERTIFICATE

MAAN ALSWILEM EST.

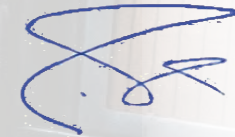
“Installation of fischer Firestop Products”

in accordance to fischer Firestop Professional Ethics (FFPE)

May 2025, (Valid till May 2026), KSA



Fahmi Alawneh
Technical Manager – KSA
fischer Middle East and Africa



Mohamed Bakr
Technical Engineer– Saudi Arabia
fischer Middle East and Africa

CERTIFICATE

FOR PROVISIONAL SIKA APPLICATORS

This is to certify that key people of the company

MAAN MOHAMMED AL-SUWAILEM CONTRACTING EST.

Successfully passed the applications training of the following Sika Products and is Provisional Sika Applicator:

SIKAFLOOR®-161, SIKAFLOOR® PS, SIKAFLOOR®-264 SG, SIKAFLOOR®-263 SL, SIKAFLOOR®-324 - SIKAFLOOR®-359 SA & SIKADUR® AGGREGATES.

This comprehensive training consisted of practical instructions about proper storage, preparation, and application of Sika products.

The Provisional applicator has been provided with the relevant Sika Product Data Sheets and all other technical documentation.

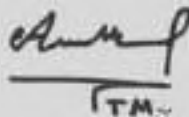
This confirmation is valid until the date of expiry below and may be renewed subject to the Provisional Applicator successfully completing any training courses required by Sika. The Provisional Applicator is responsible for ensuring full compliance by its employees with Sika's guidelines, training instructions and any other requirements of third parties.

Sika is not responsible for any loss or damage suffered by any third party as a result of any acts or omissions of the Provisional Applicator arising in anyway, including but not limited to breach of contract, misrepresentation, failure to comply with applicable laws or any other tort including negligence.

KSA, NOV 25 , 2025

Expiry Date : 31 November 2025

Ahmad Salam
Technical & Specification Manager KSA



Ali Hakami
General Manager-Sika Saudi Arabia Co. Ltd



This Recommendation does not assume responsibility for the correct storage, mixing or use of these Products. Sika shall not be liable for damage to persons or property, loss of business or profit or any other direct, indirect, incidental, special or consequential damage so caused by the PROVISIONAL Applicator. Sika shall also not be responsible for use of these Products in a manner to infringe on any patent or other intellectual property rights held by others. Sika's liability is limited to the quality only of the supplied material. Any failures due to wrong application or storage not in accordance with the given guidelines as stated on the latest Technical Data Sheets, as well as structural or mechanical failures are excluded herein.

BUILDING TRUST



APPROVED APPLICATOR CERTIFICATE

This is to Certify That
MAAN MOHAMMED AL SWAILAM

Has completed the required technical training on applying and using CIC Construction Chemicals products properly. Based on the training provided, the company has met the professional standards and technical criteria established by CIC Construction Chemicals.

CIC Approved Applicator

This certification applies specifically to the following product systems

Specialized protective coating
Industrial Flooring Systems
Protective coatings
Concrete Repair
Grouting
Adhesive anchoring systems

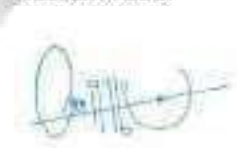
Technical Manager

Amr Shaheen



General Manager

Hossam Fadel



Scope of Certification: The approved applicator status is granted based on the completion of training and acknowledgment of the following: Product Suitability: The applicator is responsible for ensuring the compatibility and appropriateness of the products for their intended applications. Technical Expertise: The applicant has undertaken the necessary training and maintains the technical skills for proper product application. Site Conditions: The applicator is responsible for evaluating and ensuring the suitability of project site conditions prior to application. Maintenance and Upkeep: The applicator acknowledges the importance of ongoing maintenance for optimal product performance. Liability and Responsibility: Any guidance, advice, or recommendations provided by CIC Construction Chemicals or its representatives are intended to support the applicator's efforts but are followed entirely at the applicator's discretion and risk. The applicator acknowledges that CIC Construction Chemicals assumes no liability for the compatibility or performance of products when combined with other materials not supplied by CIC. The applicator must exercise professional judgment and, where necessary, seek additional expert consultation to ensure project success. Validity and Compliance: This certification remains valid provided the applicator adheres to the standards and guidelines outlined by CIC Construction Chemicals. Any deviation may result in a review or revocation of the certification.

APPROVED APPLICATOR FROM

Red Sea Global

NEOM-BECHTEL

AMAALA

EDSCO EAST DELTA SAUDI CO.

شركة اشراق الجزيرة للمقاولات

شركة يسر للاستثمار والتطوير العقاري

Saudi Entertainment Ventures - SEVEN

BARAD FIRE PROTECTION ENGINEERING CONSULTANTS

Dar AL-Handasa

Stuart Jackson
RSG- RED SEA DESTINATION

Final (WF-018727) CP_R06HW1C05_Contractor_PRQ_M...
WORKFLOW TRANSMITTAL

2:53 PM
TRS06HW1-WTRAN-032406



MAIL TYPE
Workflow Transmittal

MAIL NUMBER
TRS06HW1-WTRAN-032406

REFERENCE NUMBER
TRS06HW1-WTRAN-032406

Final (WF-018727) CP_R06HW1C05_Contractor_PRQ_ME*_Fire Stop and Fire Protection Specialist- Ma'an alsowilam EST

FromMr Stuart Jackson - The Red Sea Development Company

To (6)Mr Mohammad Husain - First Gulf Company (+5 more...)

Cc (11)Mr Ashok Jacob - KEO International Consultants (+10 more...)

SentTuesday, December 17, 2024 2:53:33 PM AST (GMT +03:00)

StatusN/A

DOCUMENT ATTACHMENTS (1)

(0 selected)				
File	Document No	Revision	Title	Status
	R06-HW1C05-FGC-PRQ-FP-0008	C0	Fire Stop and Fire Protection Specialist- Ma'an alsowilam EST	Accepted with Comments

ATTRIBUTES

Attribute 1Site Wide

MESSAGE

Workflow Review History

The attached documents have completed the "CP_R06HW1C05_Contractor_PRQ_ME*_Fire Stop and Fire Protection Specialist- Ma'an alsowilam EST" workflow with the following results :

This transmittal was automatically generated.

Doc No	Step	Participant	Review Outcome	Comments
--------	------	-------------	----------------	----------

R06-HW1C05-FGC-PRQ-FP-0008	RSG_DCQC_CHK	S Alkudhair	Accepted	
	RSG_TECH_COMP	A Paras	Accepted with Comments	AJ/Refer to attached comments
	RSG_PkgLead	M Janho	Accepted with Comments	Please refer to comments in DRF Form
	RSG_Final_Response	S Jackson	Accepted with Comments	

Contract No. & Title: 4800000709/00-SPC-D&B of NEOM Base Economy Assets (NC2)			WO/SO/DWP No. & Title: 000-Design & Build of NEOM Base Economy Assets (NC2)								
REVIEWED DOCUMENT DATA			CRS DATA								
Transmittal / Workflow		WF-098369	CRS Identification:		11-600000-4800000709-SPC-CPM-CRS-000108	Revision:	01				
Transmittal / Document Title		4800000709/00 - PRE-QUALIFICATION DOCUMENT OF MAAN AL SUWALM EST- (SUPPLY AND INSTALLATION OF FIRE STOPPING SEALANT) FOR Design & Build of NEOM Base Economy Assets (NC2)					Review not Required - Proceed	E			
Document Type		PQD	CRS Prepared by (EPM/Reviewer):		Abhijit Shet Sr. QA/QC Specialist	Date			25-Oct-23		
Discipline(s) involved		CPM	CRS Reviewed by (EPM/Reviewer):		Abhijit Shet Sr. QA/QC Specialist	Date			25-Oct-23		
Stage		04A - Mobilization & Construction	CRS Recommended by (EPM/Reviewer):		Krishna Brindavanam QA/QC Manager	Date			25-Oct-23		
Location		Region 11									
Document Originator Organization		SAPAC	CRS Approved by (NEOM):			Sign	MI				
Transmittal received date by NEOM / EPM		19-Oct-23			Mujahid Islam / VQM / NEOM ETSD Q&E	Date		6/Nov/23			
Disclaimer : Permission to proceed shall not constitute acceptance or approval of design details, calculations, analyses, test methods or materials developed or selected by the Contractor and shall not relieve the Contractor from full compliance with Contractual obligations and NEOM requirements											
Status Codes: All codes must be as per NEOM Documents NEOM-NPR-PLN-101 (Design Management Plan) & NEOM-NEN-PRC-030 (Project Document Numbering and Revision Procedure)											
A = Work may proceed , B = Incorporate Comments - Proceed , C = Revise & Resubmit - Do not Proceed , D= Rejected, E = Review not required - Proceed											
No.	Stage	Document / Drawing No. / Section/ Page	Document/Drawing Title	Rev.	NEOM's Reviewer/EPM Comments	Relevant Discipline	Comments made by	Initial Status	Originator Response	Responded By	Revised Status
1	Mobilization& Construction	11-600000-4800000709-SPC-CPM-PQD-000108_01	4800000709/00 - PRE-QUALIFICATION DOCUMENT OF MAAN AL SUWALM EST- (SUPPLY AND INSTALLATION OF FIRE STOPPING SEALANT) FOR Design & Build of NEOM Base Economy Assets (NC2)	1	The Supplier is not on the list of Approved suppliers, the materials is in C1 category. Contractor has to submit Material Approval Request and MTC upon receiving the material on site	Quality	Abhijit	B			
2	Mobilization& Construction	11-600000-4800000709-SPC-CPM-PQD-000108_01	4800000709/00 - PRE-QUALIFICATION DOCUMENT OF MAAN AL SUWALM EST- (SUPPLY AND INSTALLATION OF FIRE STOPPING SEALANT) FOR Design & Build of NEOM Base Economy Assets (NC2)	1	sealant is No Material.	ETSD	MI	E			
3											
4											
5											
6											
7											
8											
9											
10											



MAIL TYPE
Workflow Transmittal

MAIL NUMBER
WME02017-WTRAN-024688

REFERENCE NUMBER
WME02017-WTRAN-024688

Final (WF-014700) 017C29_AMP_WME_Other Disciplines - Construction Technical Submissions - PQD FOR - FIRE STOPPING WORK -MAAN M. AL-SOWILAM FOR CONTRACTING EST.

From
Mr Nasri Naddaf - WME Global

To (9)
Mr Fida Muhammad - Abdulmohsen Altamimi Contracting Company (+8 more...)

Cc (3)
Mr Edwin Rivera - RSG-Amaala Destination (+2 more...)

Sent
Wednesday, December 13, 2023 8:51:19 AM AST (GMT +03:00)

Status
N/A

DOCUMENT ATTACHMENTS (2)

(0 selected)				
File	Document No	Revision	Title	Status
	1TB02017-017C29-AMP-PRQ-CI-0034	C0	PQD FOR - FIRE STOPPING WORK -MAAN M. AL-SOWILAM FOR CONTRACTING EST.	Accepted with Comments
	1TB02017-017C29-AMP-PRQ-CI-0034_CRS	C0	PQD FOR - FIRE STOPPING WORK -MAAN M. AL-SOWILAM FOR CONTRACTING EST.	Accepted with Comments

ATTRIBUTES

Attribute 1

Site Wide

MESSAGE

Workflow Review History

The attached documents have completed the "017C29_AMP_WME_Other Disciplines - Construction Technical Submissions - PQD FOR - FIRE STOPPING WORK -MAAN M. AL-SOWILAM FOR CONTRACTING EST." workflow with the following results :

This transmittal was automatically generated.

Doc No	Step	Participant	Review Outcome	Comments
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1TB02017-017C29-AMP-
PRQ-CI-0034

SC_DC_Check

A Lira

Accepted

Maan Alswilem Est. is conditionally accepted as an applicator for fire-stopping material, subject to the technical staff possessing valid training certificates from the proposed manufacturer. Please submit the technical proposal from the manufacturer for approval, ensuring alignment with project specifications and requirements. The contractor is required to adhere to all relevant codes, including but not limited to local and UL requirements as specified in the project documentation. Comply with RSG's HSE and QMS policy and procedures.

SC_Lead_Review

F Sabir

Accepted with Comments

RSG_Lead_Review

M Galal

Accepted with Comments

Please ensure that all comments on the attached documents are addressed before commencing any related activities.

SC_RE_Review

N Naddaf

Accepted with Comments

Please ensure that all comments on the attached documents are addressed before commencing any related activities.

1TB02017-017C29-AMP-
PRQ-CI-0034_CRS

SC_DC_Check

A Lira

Accepted

SC_Lead_Review

F Sabir

Accepted with Comments

CRS - Not used .

RSG_Lead_Review

M Galal

Accepted with Comments

Please ensure that all comments on the attached documents are addressed




before commencing any
related activities.

SC_RE_Review

N Naddaf

Accepted with Comments

Please ensure that all
comments on the attached
documents are addressed
before commencing any
related activities.

المالك / Client	المشروع / Project	الاستشاري / Consultant	المقاول / Contractor
 جوين العقارية JUIN REAL ESTATES	جوين أوفيس فينيو - C4	 ACEC مكتب الميثاق العربي Arabian Covenant Engineering	

طلب اعتماد مستندات Document Approval Request							
اسم المشروع / Project Name : جوين أوفيس فينيو - C4				الموقع / Location : حي الورود			
اسم المقاول / Contractor : شركة اشراق الجزيرة الانشائية للمقاولات				نوع الأعمال / Type of work			
				اعتيادي Civil	تشطيبات Finishing	كهرباء Elec.	ميكانيكا Mach.
نوع المستند Type of document		رسومات تشغيل work shop		مواصفات فنية Specs		تاريخ التقديم / Date : 2024-07-27	
		As Built Dwg		أخرى / Other		عدد النسخ / No of copies : 1	
اسم المستند Doc. Name		اعتماد مقاول اعمال ايوكسي للأرضيات بالمشروع / مؤسسة معن محمد السويلم للمقاولات - شركة خالد عبد الله الشثري للمقاولات					
رقم المستند Doc. No		042					

مدير المكتب الفني Tech. Office	الاسم / Name : التوقيع / Signature	مدير المشروع Project Manger	الاسم / Name : التوقيع / Signature
			ENG.ANAS MOSELLI

نتيجة المراجعة / Review Result							
التقييم / Evaluation				تاريخ الاستلام / Receiving date : --- / --- / ---			
D	مرفوض Reject	C	يعاد التقديم Resubmit	B	معتمد بشروط Approved as noted	A	معتمد Approved
المستلم (المقاول) Contractor : _____							
الملاحظات / Notes :							
<p>1 مؤسسة معن محمد السويلم تم عمل عينة بالموقع</p> <p>2 شركة خالد عبد الله الشثري تم عمل عينة بالموقع العينة مرفوضة</p> <p>لأمانع من اعتماد مؤسسة معن محمد السويلم</p> <p>يتم العمل حسب التصميم والمواد المعتمدة</p> <p>تقديم طريقة تنفيذ أرضيات الرامبات للاعتماد</p> <p>تقديم ضمان الاعمال حسب العقد</p>							

الاستشاري Consultant	الاسم / Name : التوقيع / Signature Date/التاريخ : 07/29/2024	ممثل المالك مدير المشروع Project Manager	الاسم / Name : التوقيع / Signature Date/التاريخ : حاتم عثمان يوسف
-------------------------	--	--	---

إدارة المشروعات							
معماري	إنشائي	مكتب فني	كهرباء	صحي	ميكانيكا	تنفيذ	ملاحظات

Employer: 	PMC: 	Supervision Consultant: 	General Contractor: 
--	---	---	--

Pre-Qualification Document

Project	Development of Al-Kharj Entertainment Complex
Employer	Saudi Entertainment Ventures - SEVEN
Project Management Consultant	EllisDon Services Inc. (Saudi)
Construction Supervision Consultant	DAR International Engineering Consultancy
Contractor	Hassan Allam Construction
Discipline <input type="checkbox"/> Civil <input checked="" type="checkbox"/> Architecture <input type="checkbox"/> Mechanical <input type="checkbox"/> Electrical <input type="checkbox"/> Other	

DOCUMENT NUMBER		REVISION	DATE
2KHRJ17-KHRJ-08-HASC-AR-PRQ-00008		00	13-01-2025
Sr. No.	Document Title	Description	
01	Subcontractor Prequalification Of (Maan Alswailem) For Firestopping System and Epoxy Works		
The Contractor confirms that the submittal enclosure hereby is suitable for the conditions of use and conforms with the contract documents, all Local Authorities requirements, applicable codes, and standards and statutory requirements.			
Signature (Contractor's Representative): Mr. Khaled Rashad			Date:13-01-2025

The Construction Supervision Consultant:

Comments:

- Maan Alswailem Est. is conditionally accepted as an applicator for fire-stopping material ONLY as per attached supplier accreditation certificate, subject to the technical staff possessing valid training certificates from the proposed manufacturer, subject to mockup approvals for all items and disciplines.
- Please submit the technical proposal from the manufacturer for approval, ensuring alignment with project specifications and requirements.
- The contractor shall ensure all attached Certificates & Legal Documents are Valid until scope of works is complete.
- The contractor is required to adhere to all relevant codes, including but not limited to local and UL requirements as specified in the project documentation.
- The contractor shall provide warranty as per project specs 017836 and GC's contract.
- The contractor is required to submit MES, including (ITP), detailed procedures, schedules, and criteria for approval, prior to testing.

NOTE: Penetration firestopping 191-AR-C1, Joint firestopping 192-AR-C1, Joint sealants 194-AR-C0, Epoxy 298-AR-C0

Name: Kareem Al-Hawary	Signature: 	Date: 15/01/2025
Submittal Status: <input type="checkbox"/> A- Approved <input checked="" type="checkbox"/> B- Approved as noted <input type="checkbox"/> C- Not Approved; Revise and Resubmit <input type="checkbox"/> D- Rejected		

The Project Management Consultant:

Comments:

Please follow comments from CSC and PMC Engineers

Name: Youssef Soliman	Signature: 	Date: 19/01/2025
Submittal Status: <input type="checkbox"/> A- Approved <input type="checkbox"/> B- Approved as noted <input type="checkbox"/> C- Not Approved; Revise and Resubmit <input type="checkbox"/> D- Rejected		

Note: An Approval or comments on the submission does not relieve the Contractor from his obligation under the Contract.

PROJECT: Conrad Hotels		EMPLOYER: Mashreq		No. Rev-0 CN-Delta-A-DS-016	
CONTRACTOR: EDSCO		ENGINEER: ERG GROUP		RECEIVED: Erga SAUDI	
DOCUMENT SUBMITTAL		Project No. 4146-CONRAD			
		01 FEB 2024			
		Author	CC	Signature	Author
		A			
		A			

Type of Submittal:

<input checked="" type="checkbox"/> Document	<input type="checkbox"/> Sketch/Drawing	<input type="checkbox"/> Test Result
Other (Specify):		

DISCIPLINE:

Civil <input type="checkbox"/>	Architectural <input checked="" type="checkbox"/>	Electrical <input type="checkbox"/>	Mechanical <input type="checkbox"/>	Other <input type="checkbox"/>
--------------------------------	---	-------------------------------------	-------------------------------------	--------------------------------

Subject: Pre-qualification- MAAN M.ALSOWILAM FOR CONTRACTING EST

Description of Document Submitted:


- Pre-qualification of Firestopping Applicator

Submitted By: Eng. Karem El Sayed	Date: 31-JAN-2023	Signature: [Signature]
Edsco PM: Eng. Hazem Salah	Date: 31-JAN-2023	Signature: [Signature]

COMMENTS: approval subjected to mockup samples for all disciplines (Arch, HVAC, Fire Fighting, plumbing, electrical, —)

Global Status	<input type="checkbox"/> A= Approved	<input checked="" type="checkbox"/> AAN=Approved as Noted	<input type="checkbox"/> R&R=Revise, Re-Submit	<input type="checkbox"/> CA=Conditional Approval
	<input type="checkbox"/> NAR=Not Approved, Resubmit	<input type="checkbox"/> R=Rejected	<input type="checkbox"/> NFD=Need Further Detail	<input type="checkbox"/> NFI=Noted for info
Reviewed By: Ahmed Elk	Date: 3 Feb 24	Signature: [Signature]		
Received By: Faysal Ahmed	Date: 03/02/2024	Signature: [Signature]		

Approval shall not relieve the Contractor of his liabilities under the Contract or constitute authorization of any change to the Contract Documents

	FREYSSINET SAUDI ARABIA	Form ref. no. FSA-PROC-PRO2-F01
	8852 Hafs bin Al Mughira – An Naim Jeddah 23526-2134 Tel: +966 12 660 2365 Ext. 369 – Fax: +966 126695503	Edition no. 0

Purchase Order PO-528816

REV # 2

Project Name:	05804-FIT-OUT IN 4G2 AND 4G3	PO Work Description:	05804-Supply and Installation of Fire Stop Material
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21-01-2024 02:15 PM

Company: **Maan Mohamed Al-Soylem Contracting Est.**
Arabic Name: مؤسسة معن محمد السويلم للمقاولات
Contact: Maan Mohamed Al-Soylem
Address: P. O. Box 13820, Al-Madina Al-Monawara St., Al-Jrradih Dist.
Riyadh 11414
City: Riyadh
Country: SA

Freyssinet Saudi Arabia is pleased to award to you the attached Purchase Order signed and stamped by both parties, accordingly you are requested to execute and fulfill the contract of this order. Kindly report to FSA Project Manager for further instruction.

Should you need assistance, you may call our buyer representative or myself at tel no. **+966-12660-2365**.

This document has important legal consequences. The information contained in this document is proprietary right to **Freyssinet S.A.** Hence, it shall not be used, reproduced, or disclosed to others without the express and written consent from **Freyssinet S.A.**
Sincerely Yours,

Procurement Manager
Tel No. +966-12660-2365 ext 381

Buyer Rep. Name : Mohammed Fadhel
Email Address : mohamed.malik@fsa.com.sa
Tel. No. : +966-509403708

PO No.: PO-528816

التاريخ: 2023-07-20

الرقم المرجعي : At Elevated Station 4G2-1929

التقرير الفني لمحطة صالة مطار الملك خالد الدولي 3 و 4 (المحطة المعلقة 4G2)
على مسار القطارات الرابع



راجعته و أعتمده	أعد التقرير	
علاء عويمر	حسين الحسن	المهندس
		التوقيع
 مكتب برد للإستشارات الهندسية Barad Fire Protection Engineering Consultants CR:- 1010933617		الختم



3.4. منع إنتشار الحريق

3.4.1. الفراغات الرأسية و الأفقية:

تم إغلاق جميع الفراغات الرأسية و الأفقية في الجدران المقاومة للحريق بمواد مانعة لإنتشار الحريق من قبل شركة FISCHER وتم التأكد من المادة المستخدمة و وجد أنها متوافقة لمتطلبات المراجع المعمول بها في المحطة كما هو موضح في الجدول التالي:

المتطلبات	المرجع	الإمتثال لمتطلبات المرجع	الملاحظات
أن يتم إختبار المواد المانعة لإنتشار الحريق وفقاً لمتطلبات المرجع المعمول به	NFPA 251, ASTM E 119 ANSI/UL 263	نعم	للتفاصيل الإضافية يرجى الرجوع للتقارير التالية: - طلب الموافقة على المواد المانعة لإنتشار الحريق Material Approval Request for fire stopping system FISCHER [31]
أن يتم وضع المادة المانعة لإنتشار الحريق من قبل شركة معتمدة و أن يتم إختبار المادة من قبل طرف مستقل وفقاً لمتطلبات المرجع المعمول به	ASTM E 2174		



Document Transmittal Form

General Information

To	DAR Consultant Saudi Arabia	Transmittal No.	S24109-GET-PRQ-AR-0018-Rev 1
Name	Dar Al Handash	Date	17-Aug-2025
Firm	Supervision Consultant	From	GET
Address & Tel. NO	King Fahd Road, Olaya Al-Mass Centre No. 802 P.O. Box: 612, Riyadh 11421 Kingdom of Saudi Arabia	Project/Department	Al Rajhi Medical Center
Email	mazen.malak@dar.com	Rev.	0

The following is being transmitted:

<input type="checkbox"/>	Drawings	<input type="checkbox"/>	Specifications	<input type="checkbox"/>	Vendor Invoices	<input type="checkbox"/>	Copy of Letter
<input type="checkbox"/>	Plans	<input type="checkbox"/>	Change Order	<input type="checkbox"/>	Shop Drawings	<input type="checkbox"/>	Samples
<input checked="" type="checkbox"/>	Others (Please specify)	Pre-qualification					

Copies	Document No.	Description
1	S24109-GET-PRQ-AR-0018-Rev 1	Pre-qualification document for Fire Sealant Applicator (Maan Alswilem)

Status

<input checked="" type="checkbox"/>	For Approval	<input type="checkbox"/>	For Information	<input type="checkbox"/>	Returned for Corrections
<input type="checkbox"/>	For Your Use	<input type="checkbox"/>	Approved as Submitted	<input type="checkbox"/>	Returned Corrected Prints
<input type="checkbox"/>	For Review and Comment	<input checked="" type="checkbox"/>	Approved as Noted	<input type="checkbox"/>	Others (Please specify):
<input type="checkbox"/>	As Requested	<input type="checkbox"/>	Resubmit Copies for Approval		

Engineer's / Consultant Comments

Comments:

1-Final approval is subjected to install and approved the mock up sample in the site .
2- Fire sealant area of application has to follow latest approved of FLS drawings design .
3- Fire sealant color , installation procedure requirement and detail has to follow civil defense and SBC code .
4- If Any of official, governmental or technical certificates or test have been expired before or during construction in the site contractor has to submit them for renewal and replacement .

Mazen Abdel Malak

Name

Signature

20/08/2025 Bilal A Abdeljawad

Date

Status Code

- | | | |
|-----------------------------------|--|--|
| <input type="checkbox"/> Accepted | <input checked="" type="checkbox"/> Accepted with Comments | <input type="checkbox"/> Revise and Resubmit |
| <input type="checkbox"/> Rejected | <input type="checkbox"/> Review not Required | |

Acknowledgement

Joseph Sakr
Name

Signature

17-Aug-2025
Date

Appreciation letter



To whom it may concern

This is to certify that maan alswilm EST successfully completed fire stop works at our projects, (**STC DATA CENTRE ALKHOBAR**) meeting the requirements and specs and consultant guidance

Sincerely

FINAA AL-EMAR COMPANY

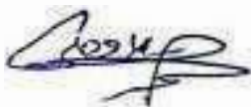


To whom it may concern

This is to certify that maan alswilm EST successfully completed fire stop works at our projects, (**STC DATA CENTRE ALREMAAL**) meeting the requirements and specs and consultant guidance

Sincerely

FINAA AL-EMAR COMPANY

A handwritten signature in blue ink, appearing to be 'M. Al. Al. Al. Al.'.

To whom it may concern

This is to certify that maan alswilm EST successfully completed fire stop works at our projects, (**STC DATA CENTRE AL-JANADRYH**) meeting the requirements and specs and consultant guidance

Sincerely

FINAA AL-EMAR COMPANY





شهادة حسن تنفيذ اعمال

الى من يهمله الامر

نشهد شركة يسر للتطوير والاستثمار العقاري بأن السادة : مؤسسة معن محمد السويلم للمقاولات قد اتمت باتقان اعمال الایوکسی في مشروع حي القيروان بمدينة الرياض قطعة أرض رقم "4-5-6-1/7" بمساحة 14880.34 متر مربع حسب اصول الصنعة وحسب تعليمات المهندس المشرف على اكمل وجه وعليه نقدم هذه الشهادة.

شركة يسر للتطوير والاستثمار العقاري



Organization Chart

Maan Al-Swailem Co.

General Manager



Operations Manager



Project Manager



Procurement & Logistics Manager



QA/QC Engineer



Finance & Administration



Site Engineers / Supervisors



Foremen & Technicians



Helpers / Laborers

SECTION 3- WORK CATEGORIES

1. Concrete Repair And Building Rehabilitations



Our division – a leader in its field - offers comprehensive engineering solutions, technical assistance and quality application for concrete repair, flooring repairs and structural concrete. In addition MSE provides design and implementation of structural strengthening systems using Fiber Reinforced Polymer (FRP).

2. Fire Protection & Water Proofing System

The concept of waterproofing or protecting buildings against the damaging effects of water derives from the need to avoid water that act negatively on the structure. This negative effect can present itself in several ways, creating health problems, structure deterioration, facility damage and others. Not to mention, that repairing a building damaged by water can be very expensive! However, water proofing can fix various types of humidity: the one that penetrates from the outside (due to rain, multiple types of water infiltration, ground humidity or underground water).



***AS PART OF FIRE SAFETY STRATEGY FOR BUILDINGS
FIRE RETARDANT SYSTEMS HELP RESTRICT THE
GROWTH & SPREAD OF FIRE***



MSE has fire proofing specialists, access to new technology, strong supplier relationships for materials, equipment and labor who can handle all types of fire & waterproofing for buildings , reservoirs , underground structures and any type of structures.

3. Vertical & Horizontal Protective and Decorative coatings

Protective coatings are given to concrete surfaces to prevent damage and for a rehabilitated look. **MSE** co. supplies and applies a wide range of protective coatings. Appropriate protective coating materials are recommended by experienced Engineers from **MSE** co. to provide quality solutions. Epoxy resins, non-slip coatings, poly urethanes, cementations coatings, acrylic coatings, membranes, food grade systems, tanking/water proofing and chemical resistant coatings. **AAC** offers decorative flooring solutions which gives new look to an old concrete floor. Decorative coatings are a perfect alternative to concrete replacement, tiles, resin floors and other topical systems. Decorative floors include acid staining, demystifying, impregnated sealers & polished concrete. Creative & flexible designs are created with logo's saw cuts, aggregate & decorative saw cuts. Specialty grinding machines can be helpful in a way to provide the required preparation of the concrete substrate for proper levels, mechanical bonding and decorative work which is provided by our strategic partner Concrete Magic Saudi.



4. Building Construction and Renovation Work

The vast majority of building construction projects is small to medium size rehabilitation & renovation, such as an addition or renovation of a room, bathroom, kitchen, office space, retail outlet and others. Often the owner of the property acts as laborer, paymaster, and design team for the entire project. MSE established a construction division to provide design, build, renovate and engineer all types of structures from warehouses, office & retail space, apartment buildings, villa's and cold storage and the ability to due what the client needs . We strive on using state of the art building methods and technology, LEEN & GREEN practices, process and materials.





SECTION 6 - FIRESTOP & EPOXY TOOLS

MSE uses the following hand tools and equipment for firestop and epoxy works:

Sealant Caulking Gun

Manual gun used for applying firestop sealants precisely.



Fixer Extreme Gun

Heavy-duty manual dispenser for large firestop cartridges.



Epoxy Mixing Drill

Used for uniform mixing of epoxy resin and hardener.



Air Blower

Used to clean joints and surfaces before application.



Epoxy Application Tools

Rollers, trowels, and squeegees for epoxy leveling and finishing.



Air Compressor

Supplies compressed air for cleaning and pneumatic tools.



Paint Roller

Used for applying epoxy coating evenly on the surface.



Masking Tape

Used to protect adjacent areas and achieve clean edges during application.



Concrete Cutter (Makita)

Used for cutting concrete or walls for service openings before firestop installation.



Floor Grinder Machine (Tornado XP)

Used for large area surface preparation before epoxy coating.



Air Compressor (1000L)

Provides compressed air for cleaning, tools, and surface drying.



SECTION 6 - LOSS PREVENTION

The primary aim of any effective safety and loss prevention program is to protect the life, health and safety of all personnel and eliminate the possibility of damage to property and equipment while undertaking a specified project. Operations management is responsible for the implementation of company's loss prevention control program. It is a corporate commitment that accidents causing injuries to people, damage to properties or loss of product are to be prevented. To achieve this objective, the following principles and

- A safe work environment is provided by carefully designing of new facilities, purchase of safe and reliable new equipment and by elimination of hazards. the harmful effects are minimized through environmental controls, training on safe working methods and by enforcing the use of personal protective equipment
- Sufficient qualified manpower shall be provided to meet the operations, maintenance and service requirement
- Employee's physical and mental abilities are considered to ensure proper job placement.
- Employees are continuously trained to develop and maintain the skills acquired which are required in their work.
- Employees take personal responsibility and liability to prevent injury to himself, others and damaged to property.
- Effective motivation methods are employed to encourage employee participation in loss prevention.



SAFETY MANUAL



1.0 INTRODUCTION

This Construction Safety and Loss Prevention Plan defines the guidelines and Procedures which will be followed during Construction period and outlines the manner in which these procedures will be implemented, utilized, maintained and verified.

These Safety Guidelines and Procedures are in compliance with General Instructions given in the Project Tender Specification.

The **MSE** recognizes that effective Safety in Construction is an important and necessary goal to be achieved. The success of this Construction Safety program depends on its implementation at all levels including design, construction planning and evaluation, construction and commissioning.

While each and every employee on the various job sites must adhere to the Procedures and safe practices in order to achieve our goals in Safety, it is also essential that they are made aware of the commitment to Safety made by the Project Management.

The Summary of Safety and Health Standards applicable to the Construction in this manual was compiled to aid Project Supervisors and Safety Personnel in their efforts to comply with the required Safety standards.

The Safety performance of our Subcontractors is as important as our own.

Our Objective

To maintain the highest Health and Safety for the benefit of:

- Co-workers
- Subcontractors and suppliers.
- Client
- The Public
- Ourselves.

Our Commitment

To continuously cultivate an environment of health and Safety consciousness at all levels, whereby:

Management is responsible for ensuing a safe work environment.

Everyone takes responsibility for working safely and for the Safety of fellow workers

Our Belief

- All Safety related incidents are preventable.
- Health and Safety go hand in hand with quality.
- Safety training and education are the foundations of a successful program.
- Safety is an essential part of conceptual design, engineering and construction.

The overall responsibility of the **MSE** co. is to monitor and ensure that the Sub-contractors follow their approved Safety and Loss Prevention Programs. The programs along with ours shall be maintained throughout the Project and shall meet Safety Standards and regulatory requirements of the Client.

1.1 PURPOSE

The purpose of this manual is to state the Policies, Procedures and Guidelines to be followed in the development of specific site Safety Plans and to serve as a guide to execute site Construction activities.

1.2 SCOPE

The Policies, Procedures and Guidelines contained in this manual shall apply to
this Construction Project executed

The **MSE** co. shall compliment and use in conjunction with the company policies and procedures of the individual subcontractor's Safety and Loss Prevention Program.

1.3 CONSTRUCTION, HEALTH AND SAFETY POLICY STATEMENT

MSE co. is committed to carry out the responsibilities and duties in a manner designed to achieve and maintain a high standard of protection for our employees, and those of our Contractors and Clients, the environment, property, equipment and the public in the conducts of our business.

The **MSE** co. will continually strive to enhance these standards in all phases of our operations, from the initial planning and design stages through overall Construction and including final commissioning turn over, and start-up operations.

The **MSE** co. management, supervision, employees along with our Subcontractors and their employees are charged with the responsibility of providing and maintaining the highest degree of Safety and Health performances and protection of our environment and the Safety of others affected by our work.

It is this commitment to excellence, which motivates the **AAC** co. to be diligent in the placement of field supervision and selection of Subcontractors. Through our established programs, as well as relevant training and open communication, we nurture the employee's desire to excel in the areas of Safety and quality of work.

1.4 COMPLIANCE WITH SPECIFICATION & DRAWINGS REQUIREMENTS

Consistent with its commitment, the MSE co. through its Project Management Team will ensure full compliance with standards and safety requirements as covered in the project specification throughout the duration of Project.

All provisions contained in this «Construction Safety and Loss Prevention Plan» shall be totally adhered to by Subcontractor work forces in carrying out the necessary execution of all works required for the Project.

1.5 PRINCIPLES OF SAFETY AND LOSS MANAGEMENT

The MSE co. has overall responsibility for Safety and has stated its commitment to health and Safety programs.

The MSE co. has prime responsibility for Safety for direct hired and Subcontractor's personnel and will administer an effective Safety Program.

This Safety program is to be maintained throughout the project and shall meet or exceed the Employer's Project Safety Standards and regulatory requirements.

Worker's Safety shall be the prime consideration in the construction planning and execution. All Site personnel will be advised of project safety goal, safety standards, and procedures.

Safety consciousness and performance of the subcontractors will be monitored by the MSE co. Engineer and upgraded as required throughout the work schedule.

Each employee is responsible for his own safety and the safety of co-workers by following safe work procedures and by reporting unsafe working conditions to his immediate supervisor.



SAFETY ORGANIZATION

2.1 PROJECT MANAGER

The **MSE** co. Site Project Manager will provide project commitment to the construction safety and loss prevention plan. He will participate in safety reviews and general meetings; and on a regular basis, will interface to review safety performance.

2.2 CONSTRUCTION MANAGER

It is the responsibility of the Project Construction Manager to implement and coordinate company safety policies and actively encourage and promote safety.

He shall ensure that all line management are fully conversant with the company's safety and loss prevention procedures, and to monitor the effectiveness of Safety performances of all subcontractors.

To ensure their staff are competent to carry out their responsibilities.

To maintain adequate back-up services and resources to enable a safe system of work and ensure safe Procedures.

To satisfy himself that all-current company procedures are being implemented.

2.3 SAFETY ENGINEER

It is the responsibility of the project safety and loss prevention engineer to advise **MSE** co. management and subcontractors' management on current codes of practice and to give guidance as to the interpretation to line management.

Monitor subcontractor's safety procedures and update when required. Make regular site visits, and prepare reports on site safety performance, copies to be given to the site Project Manager, Construction Manager and Subcontractors. Monitor Personnel Accident Reports, Vehicle and Plant Reports, and Property Damage Reports etc. Ensure that all incidents/ Accidents are reported to the Project Manager. Investigate personnel injuries and other incidents and make recommendations for improvement to prevent recurrence.

2.4 SITE SAFETY ORIENTATION

Workers orientation for all personnel who will be working on the construction of the Project shall be handled under the direction of the Safety Engineer who shall monitor this to ensure compliance and documentation. Orientation is a pre-requisite to working at any construction site. During orientation as far as is practicable he may provide additional information to the employees if required. Safety orientation shall include but not be limited to the following:

3.1. THE 5 STEP SAFETY PROGRAM

1. Everyone must check their work place. Is it Safe?
 2. Are the tools and equipment in good repair?
 3. Everyone must work safely.
 4. Everyone is responsible for their own safety and other person may be affected by their actions.
 - 5 Continue to work safely even if supervision is not present.
-
5. Safety is a state of mind whereby all employees are constantly aware of a potential accident or injury at all times.



WARNING TO BE PERFORMED IN RESPECT OF WORK SAFETY (TO BE DISTRIBUTED TO ALL SITE PERSONNEL)

1. Wear your helmet within construction site.
2. Do not work at high altitudes without putting on your safety belt.
3. Do not enter water for swimming purposes within construction site.
4. Do not walk around under cranes, hoists and scaffolds.
5. Do not get on-get off vehicles in movement.
6. Wear your mask while working with lime.
7. Wear rubber gloves and boots while working with concrete.
8. Wear protective glasses while welding.
9. Do not perform any repairs or maintenance while the machine is under operation.
10. Never touch electric panels and cables. Report any failures to machinery in-charge or electric engineers.
11. Do not interfere in any failure of machine, just report it to machinery In-charge.
12. Do not touch at any machines that you are not familiar with.
13. Do not throw any material down.
14. Protect all materials produced for a purpose.
15. Do not abandon your workplace or do not be engaged with any other works.
16. Do not make available inflammable and explosive materials in dormitories. Do not use gas tubes to cook or to prepare tea or coffee. It is forbidden and dangerous.
17. Do not try to jimmy electric installation. Do not use electric stoves and furnaces in dormitories.
18. Throw garbage into garbage barrels or baskets.
19. Use toilets, lavatories, and showers properly and keep them clean and in good Condition.
20. Report any work accident to construction site In-charge.

I read the above instruction. I received a copy of it. I state that I will obey them carefully and I put my signature here.

Name

Signature.....

GENERAL RULES

This section presents general rules and regulations that have to be established on the Project to provide a safe and healthy working environment.

Rules of Conduct

All employees are required to conform to all rules of conduct relating to Safety and Health on the Project.

All employees shall observe the following prohibitions:

Indulgence in practical jokes, horseplay, scuffling, wrestling or fighting is forbidden.

Destroying or tampering with Safety devices, signs and equipment or willfully and unnecessarily discharging a fire extinguisher is prohibited.

3.2.1 Insubordination

Insubordination in respect to carrying out verbal or written instructions or directives issued by management or supervisory personnel shall be sufficient cause for initiating disciplinary action.

3.2.2 Work Dress Standard

All site employees shall wear clothing suitable for the weather and working conditions. The minimum requirement for site work shall be a short sleeve shirt, long trousers, Safety helmet, and protective footwear with a steel toecap.

Tom clothing, sandals or tennis shoes are prohibited on site work areas.



Drug Possession and Use

Proof of possession or use of illegal narcotics or intoxicants shall result in immediate disciplinary action in accordance with established Company Procedures, and the laws of the Kingdom of Saudi Arabia.

No Smoking Areas

Smoking within areas posted with «No Smoking» signs is prohibited.

Reporting injuries, illness, and property and equipment damage

- All injuries and personal illness shall be reported to an immediate supervisor to ensure that proper and adequate medical attention is obtained and that any accident involving personal injury is investigated.
- All accidents that result in injury to any employee of another Contractor or other persons, such to as private vehicle drivers, passengers, pedestrians or site visitors shall be immediately reported a supervisor.
- All accidents that result in damage to any vehicles, plant, equipment and other property shall be left undisturbed at the scene of the accident until the accident investigation is completed.
 - Any incident / accident must be reported immediately. For initial notification oral information is adequate. Completed reports with recommendations or action, if any, with designated individual to take action shall be completed within 2 working days of the occurrence. Discussion of incident and recommendation shall be the agenda for Weekly Toolbox meetings.

REPORTING UNSAFE AND HAZARDOUS CONDITIONS

All employees shall immediately report all unsafe acts or conditions and near miss incidents that they may observe to their supervisors so that corrective action can be taken to prevent the risk of injury or damage.

Situations involving «Imminent Danger» shall be reported to the first supervisor or foreman the employee can locate.

DRIVING

All employees who drive motor vehicles on and off the Project shall be in possession of a driving license valid for the class of vehicle they are driving.

Every driver shall familiarize himself with Saudi Arabian Government Traffic Laws and Site Traffic Regulations.

EQUIPMENT OPERATION

All applicable requirements of this Safety Manual will be abided by :

Personnel in possession of valid Saudi Arabian Government license and Consortium's Certificate for specific heavy equipment will only be allowed to operate that particular equipment such as:

Mobile Cranes
Pohlman ICB
Wheel Loaders
Dump Truck, etc.

A work permit will first be obtained before any mechanical equipment is brought in or used on site .

Operator shall check at the start of work shift the oil, fuel, water, hydraulic levels and gauge of his equipment and ensure that they are properly operating.

Before any repair takes place, the equipment shall be stopped and deactivated.

Cabs fitted to the equipment will be maintained free of sight obstruction as curtains, sun protection, etc

Compressors on the Project will be properly maintained and regularly inspected by a competent mechanic. Its relief valves will be in good working condition. Air receivers will be periodically inspected.

A warning notice «Ear Protection Required» will be installed where compressors are located. Affected personnel will require wearing of such personal protection (earplug).

A routine check by the designated equipment mechanic will be conducted on each compressor prior to start up.



Identification Hazards

The following table list Identification Hazards and Mandatory Protective Measures.

The table does not absolve Contractors of their responsibility for completion of JSAs for hazardous activities not included in the table.

Identification Hazard	Potential Consequencesw	Mandatory Protective Measures
1- Safety Competence of Contractors Supervisory Staff	Injury / Fatality Damage to Equipment	Provideexperienced and trained Supervisory Staff
2. Housekeeping	Injury/ Fatality	Maintain good housekeeping at all times
3. Lighting (particularly if working in shift)	Injury/ Fatality Damage to Equipment	If working in poor light additional lighting t be provided
4. Working at Heights	Injury/ Fatality	Ensure personal working above 2.4 meters have fall protective measures preparation of JSA
5. Manual Handling	Injury	Ensure correct manual handling procedures are understood and followed
6. Men and Equipment working in close proximity	Injury/ Fatality Damage to Equipment	Men and Equipment to be segregated as far as possible
7. Excavation Openings	Injury/ Fatality	Ensure adequate barriers are erected around openings and shoring is used
8. Confined Space	Injury/ Fatality	Preparation of JSA Working in accordance with confined space procedureT

SAFETY ORIENTATION - GENERAL CONDITIONS

4.1 DOCUMENTATION (personal)

The following documentation shall be carried by employees at all times:

1. Country of origin passport if work permit not acquired.
2. Or Residence Card (Iqama).
3. Client Identification Card .
4. Driving License
5. Company Authorization for Driving Vehicles or Equipment.

4.2 EMERGENCY PROCEDURES

It is the responsibility of every employee to familiarize himself with the applicable emergency Procedures. Employees will receive instruction from the Site Safety Department and their own supervisor on what action to take in an emergency. Employees will be encouraged to ask questions if they are uncertain.

4.3 SAFETY MEETINGS AND INFORMATION

4.3.1 Safety Meetings

Supervisors/ foremen shall hold weekly Safety Meetings on site. The objective is for them to provide Safety information regarding particular work tasks. All employees are required to participate in these Toolbox Meetings.

These meetings are solely intended for Safety matters and will not be used to discuss other work problems or general grievances.

4.3.2 Safety Information

Safety news bulletin on general items of interest will be posted on site notice boards to provide all employees with typical Safety information.

4.3.4 First Aid Training

Designated employees shall be given instructions on basic first aid by the site medical staff.

4.4 GOOD HOUSEKEEPING

Arnad Al'Shamal Contracting CO.

A well tidy work place decreases the risk of accidents, injuries and fires.

- Waste materials shall not be permitted to accumulate and shall be placed in approved rubbish containers.
- In food serving areas, all rubbish and waste food shall be placed in containers designated for that purpose.
 - Always ensure that lids are placed on rubbish containers after use to prevent pests and flies being attracted to the area.
 - When placing materials or equipment or when moving them from designated storage areas, avoid flies being attracted to the area.
- Designated aisles, walkways and access ways shall be kept clear of loose surplus materials or equipment at all times. Materials or equipment will not be placed against walls or fences of storage areas, a gap of at least 1 meter must be left between the material and the wall or fence.
 - All emergency exits and fire exits shall be properly identified and kept clear at all times.
- All «No Smoking Areas» such as gas cylinder storage and flammable items storage areas shall be kept free of rubbish.



Cables and Hoses

- Electrical cables, welding leads, water, air and gas hoses shall be placed where they cannot be damaged .
 - Cables, leads and hoses shall be kept clear of all stairs and access ways.
- If placed in or across roadways, cables, leads and hoses shall be placed in a protected trough or sleeve. They are to be suspended above or buried beneath the road or pavement. These lines must be properly marked / identified to prevent damage or Injury.

Spilled Substances

- Spilled oil, grease or other slippery substances in working areas shall be cleaned up immediately.

RIGGING EQUIPMENT

All rigging equipment shall be checked daily or before use, any defective equipment shall be immediately reported to supervisor.

OFFICE SAFETY

All office employees shall familiarize themselves with all applicable Safety instructions, including emergency evacuation from the buildings.

Always use the ashtray provided in the areas where smoking is permitted.

BASIC FIRST AID TIPS

In the event of injury to persons:

1. Attend to Breathing.
Clear the patient's air passage, and if necessary apply artificial respiration without delay.
2. Stop the Bleeding 4. Apply direct pressure with a clean pad and bandage the wound.
3. Treat for Shock Keep the patient warm, cover him with a blanket.



4. Do not move the patient.

Unless he is in danger .

5. Call for a Doctor.

Stay with the patient until the Doctor arrives.

SITE SPECIFIC EMERGENCY PHONE NUMBERS

EMERGENCY TELEPHONE NUMBERS ARE :

- FIRE: 998
- AMBULANCE: 997
- HEAD OFFICE: 011 4400052/0114401077

GENERAL SAFETY RULES

THE FOLLOWING GENERAL SAFETY RULES ARE HELPFUL GUIDANCE.

1. Personal Protective Equipment such as hard hats, safety glasses and safety footwear is mandatory for all personnel at the work site. Ear protection, respirators, face shields.
2. Full body harness shall be worn when working in elevated areas over 6 feet.
3. No activity shall take place in a restricted area unless a certified work permit receiver obtain a signed work permit.
4. Employees shall report all occupational injuries, accidents, to their supervisors for appropriate preventive measure.
5. Cameras without prior authorization from Project Manager Owner is strictly prohibited anywhere.
6. Fighting for horseplay are prohibited.
7. Running on the job site is prohibited except in life threatening emergencies.
8. Site employees shall report any observed unsafe condition.

9. Smoking is permitted only in designated «Smoking Area».
10. Sleeping on site is absolutely forbidden.
11. Safety devices 1 protective guards not to be removed.
12. Only tools, equipment, materials that are free of defect are allowed on project site.
13. Speed limits shall, at all times be observed on or off site.
14. Post Job Inspection (End - of-Shift-Checks) shall be observed by all site personnel before leaving the area.
15. Parking of vehicles is permitted only at the designated parking area(s).
16. Every site employee shall, at all times be familiar with the plant emergency procedures.
17. No electrically operated hand tools will be used unless protected with Ground Fault Circuit Interrupter (CGFI).
18. Good Housekeeping shall be observed in all work area.
19. Compressed gas cylinders shall always be secured in an upright position .
20. Warning signs barricades and appropriate notices shall be installed and maintained where required. They must be removed after job completion.
21. Access ID badges, shall be displayed at work area.
22. Riding on the back of the pick-ups is prohibited.
23. Wearing of seat belts must be observed on and off the site.
24. Under no circumstances, will unauthorized personnel operate any equipment.
25. Proper inspection of tools, equipment before and after use, this must include personal protective equipment.
26. Isolation lock out procedures shall be observed when working on or near any energized equipment.
27. Supervisors must know the actual number of personnel in his work area at all times.
28. All personnel must lead by example

QUALITY STATEMENT

We maintain an excellent reputation for producing high quality work, for managing projects and for completing projects within agreed timescales.

This has been achieved by:

Structuring internal management systems.

Directly employing our own technical personnel and site management.

Using first - class subcontractors .

An excellent «payment» record.

Our directors take a personal interest in all projects and are available to meet with our clients to



INTRODUCTION

The purpose of this plan is to define the procedures to be used to assure that project under taken is constructed with quality according to contract documents, drawings and specifications.

SCOPE

This QC plan is to all work to be performed on the Rehabilitation Project. The plan involves the specification compliance for all construction activities, and comprises of the following,

1. Off-site quality assurance of supplier's materials.
2. On-site inspection.
3. On-site testing.
4. Monitoring of materials.
5. Monitoring on site storage, protection, transportation and installation.
6. Documentations and records keeping.
7. Reporting to client or consultant.

IDENTIFICATION OF STAFF
RESPONSIBILITIES SCOPE

Scope

Assign following personals instead of technical staff of this project.

Technical Staff

- Deputy General Manager shall have ultimate responsibility to provide the quality assurance program during project time.
- Site Manager is responsible to enforce the requirements of this quality plan.
- Quality Assurance Engineer shall be responsible for the management of quality assurance activities. He shall monitor the performance of quality control activities through his field staff.
- Field Engineer report directly to the site manager and is responsible for verifying that inspection and witnessing tests activities are performed accordance with the procedures.

Quality Control Personnel Authority

- Day at any time, half any work - in - progress not fully complying with the contract requirements. In stopping any sub-contract work a certificate stating the reasons for stoppage of rejection will be issued. Work will not proceed until the faults have been resolved.
- QC Engineer has the full authority to reject non-complying work and order removal of the same.
 - Any deficiency corrected, QC Engineer shall be notified before conceal of each work.

Responsibility of QC Engineer

QC Engineer shall perform the following functions:

- Ensure all materials/equipment received on site are inspected for contract compliance and properly stored.
- Ensure that all testing requirements are performed .
- Maintain records of QC Activities and make them available at any time to the clients consultant's representatives.
- Enforce all «Hold Point».
- Deal directly with field supervisors to correct identified deficiencies notifies the QC Engineer prior to concealment of corrected work.

Interfacing with Other Personnel

- Daily contact with the project manager and site supervisors will be maintained to encourage the reductions and eventual elimination of site problems .

Materials and Sub Contractor Approvals

- The QC Engineer will be responsible for evaluating all materials to delivery on site with QC Engineer visit to manufacturing plant and surveillance of site deliveries and, the material use will be assured to comply.
- Sub-Contractors will be visited by the QC Engineer to assure that they are capable of providing the required materials installed and adhere to contract specifications requirements.

Off- Site Inspection

- QC Team will be responsible for surveying manufacturer's facilities used to throughout the manufacturer's process of receiving raw materials, sorting raw materials, producing the end product in professional and technical manner, handling, storing and distributing .

On - Site Inspection

- QC Engineer shall inspect all materials received on site and satisfy themselves that these materials are acceptable to client specification are comparable to the purchase order placed and are handled stored and installed in a manner not detrimental to the quality the project.
- QC Engineer will be responsible for ensuring all aspects of site work are carried out as per the contract specification and that all components are numerically and positional installed correctly prior to further work being completed.

Supervision Duties

Contractor will establish an overall organization, which include a well-qualified full time supervision team on site. Supervision team will be headed by Engineer. Contractor's site manager and engineer are subject to approval by Client. The staff including the supervision team is clearly defined authority and responsibility.

Hold Points

As quality inspector confirmed that there is no non-conformity against the construction requirement of activities of civil works, Site Manager or Q.A. Engineer will be advised to raise immediately the Request for Inspection (RFI) to be submitted to client representative.

The principle is to submit the on-going activities for comments and approval before allowing any contractor to perform the succeeding activities without delay.

- a) A Hold Point is defined as a stage during construction where work is prevented from continuation by the imposition of the Hold Point until the specific stage is inspected and passed by the relevant QC.
- b) Requests for inspection at the various stages of construction controlled by such » Hold - Points » will be made by AAC CO and Client/Consultant will approve «Inspection Request» form.

Type and number of all tests in each control section

All tests in each control section will be performed according to specifications and they will be recorded to being 3 copies. (One for client_ one for engineer, one for contractor). Each test result will be documented .

Sampling and test method

Sampling and test record form will be kept to being 3 copies by the department of contractor & inspections, surveillance and witnessing test both in process and at

Completion will be performed by QA Engineer. He will also be responsible for assuring that field staff understand and comply with specified requirements.

Documentation and Records

Daily Reports

- A daily QC Report will be submitted to the Client / Consultant each morning describing briefly each activity carried out the previous day. Specific and progress regressing problems for client/ consultant consideration and discussion.

Weekly Report

- A schedule for weekly planned activities will be submitted to the client/consultant for information each week comprising inspection reports off-site, inspection reports on - site test results, materials received lists with a commentary on specific points of interest, test result failures, hold points releases, materials rejections etc.

Monthly Reports

- A monthly report will be submitted to the client /consultant giving a summary and where required and relevant a statistical analysis of the results.



Maan AlSwailem Est

QHSE

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1. **SCOPE:**

This Method Statement highlights Maan AlSwailem Est. work sequence covers the surface preparation and Firestop application through penetrations at Company or institution. Execution of work shall be carried out in accordance with the project specifications.

2. **PURPOSE:**

This method statement shall provide Maan AlSwailem Est. with minimum guidelines to carry out Firestop through civil joints at to develop and established guidelines and reference for the Firestop work/activity as described in the contract and standard procedure set by manufacture UL Systems.

Ensure that Firestop work/activity is carried out safely in accordance with good working practice as per UL Standard, project safety procedures & requirements.

3. **EQUIPMENT:**

Tools and equipment shall be made available to support continuous work.

Defective tools shall be returned to the tool room to prevent from inadvertent use. Tools and equipment could include but not be limited to as follows:

- Airless Spray machine, if necessary,
- Sealant Cartridge gun
- Hand Scraper
- Masonry tools.
- Masking tape.
- System Tools

4. **RESPONSIBILITIES:**

- 4.1 Project Manager has the responsibility for overall the project activities including safety measures.

4.2 Site Engineer/ Site General Foreman: shall be supervising closely the activities designated to them ensuring that all instructions are followed strictly adhered to, safety procedures of the project are strictly followed.

4.3 The Site Engineer shall be responsible for the following:

- To ensure Installation is carried out to the required Project Specifications and drawings and UL/EJ Systems as well as in accordance with the approved ITP's and to this Installation & Testing Procedures
- Ensuring that all parties who are required to make any kind of test / inspections are suitably informed as to the overall program of the work and daily inspection testing requirements.

4.4 The QC Engineer or his designer (QCI) shall be responsible for the following:

- Review all relevant documentation and test reports issued by parties involved and submit records to Contractor/Company.
- Ensure that all discipline activities that require to be inspected in the Firestop works have been inspected and approved.
- Organize and allocate inspection work to the Quality Control Inspectors (Civil).
- Sign off and obtain signatures from the Contractor/Company on the various forms and verify documents as required.
- Accompany the Contractor/Company Supervision representative if required, to carry out inspections and release of hold points

4.5 HSE Manager /Officer is responsible for the implementation of safety and ensures that the works are carried out in accordance with project safety procedures and HSE Safety Plan of the project.

5. QUALITY CONTROL:

- All stages of the work shall be inspected in accordance with UL Standard & Test Plan.
- Visual inspection of firestop and measurement of firestop thickness shall be done on every stage of the work.
- Selection of firestop materials (Mineral wool, Sealant, etc.) shall be comply with UL System and the manufacturer's recommendation .
- Provide a Mock up sample (Demonstration work) – if necessary, before commencement of firestop application, Maan AlSwaleem Est. and a representative of the material shall sample a completed finished firestop item in compliance to this method statements and to be used as a reference of standard finishing works and ITP.

6. SITE HEALTH & SAFETY:

- It shall comply with the Company or institution Safety Manual.
- Work permit shall be obtained prior from the concerned dept. before starting any work.
- Tools and Equipment should be made operational and available for use.
- Continuous monitoring and inspection shall be implemented to detect and correct unsafe practices while performing the work activities.
- Safety officers shall implement surveillance to help and to protect all assigned workers against exposure to safety hazards.
- Daily toolbox meetings shall conduct as mandatory requirements of RED SEA Safety Department to describe and discuss the safety related issues.
- Safety barricades shall be provided wherever necessary and around the work site area.
- The Approving Authority shall inspect all equipment checklists for machineries related to the activities prior commencing the works.
- Weekly safety statistics reports and safety performance reports, etc. shall be prepared and recorded.

7. APPLICATION:

7.1 Surface Preparation

- The surface shall be sound, clean and free from any loose materials; sweep away all loose debris from the inner and outer surface of the joint. Surface shall be free from oil and grease.
- Masking tape should be used where protection to substrate is important, this should be removed immediately after tooling off.

7.2 Installation

- Insert a backing material using a Rockwool (see systems for required density and depth)
- Rockwool should be cut oversize and packed tightly into the Joint, ensuring that it is positioned to allow for correct depth fill material to be installed (dependent on systems).
- Maintain the recommended thickness of the firestop sealant as suggested in selected UL certified systems, make sure complete width of the joint filled by sealant.
- When required depth has been applied, the surface can be smoothened using a damp knife or scraper to leave a neat sealed
- Material Manufacturer: Fischer

A photograph of two business professionals in suits. One person is pointing at a tablet displaying a colorful line chart, while the other points at a laptop screen showing various data charts and graphs. The scene is set on a wooden desk.

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