



SIT GROUP
Anti-Drone Fence
2026

COMPANY OWNERSHIP KSA

1. SIT ARABIAN COMPANY
2. BURMIL OIL RECYCLING INDUSTRIAL COMPANY
3. SAUDI DENTAL TECHNOLOGY COMPANY
4. SIT ARABIAN R.O PLANTS WATER SUPPLY (Rash Al Khair)

COMPANY OWNERSHIP BAHRAIN

1. SIT COMPANY W.L.L
2. SIT ARABIAN CONTRACTING AND TRADING COMPANY W.L.L

COMPANY OWNERSHIP INDIA

1. SIT PVT. LTD.
2. SIT ARABIAN CONTRACTING COMPANY PRIVATE LIMITED
3. SIT VENTURES PVT. LTD
4. SALAMINI INFRATECH PVT. LTD.
5. SHARAFI UNANI & AYUSH PVT. LTD.
6. AQUA MINERAL WATER PLANT
7. FIZZY SOFT DRINK PLANT

COMPANY OWNERSHIP UK (SIT EUROPE)

1. SIT EUROPE CO.

SIT Anti-Drone Fence is a strategically engineered vertical defense that protects valuable infrastructure. Using high-tensile wire mesh, anti-corrosion posts, an explosion-relief clearance, and an overhead canopy, it forms a fortified shield against hostile drone incursions— even under high wind loads and destructive payloads.

SIT Anti-Drone Fence is the first of its kind physical aerial defense interface, designed to target, pause, and eliminate any drone before they can reach their sensitive areas. Designed according to the strictest rules of HCIS SEC-21, this is a well-crafted system to protect facilities including, but not limited to, fuel depots, energy holding systems, transformer yards and industrial complexes.

Design Excellence & Regulatory Compliance

The SIT Anti-Drone Fence is completely designed to be compliant with the HCIS SEC-21 guidelines as per the High Commission of Industrial Security to make sure your project complies with the most demanding security and safety standards of the Kingdom.

Our system covers

Passive drone defense observance

Structural load and wind resistance validation

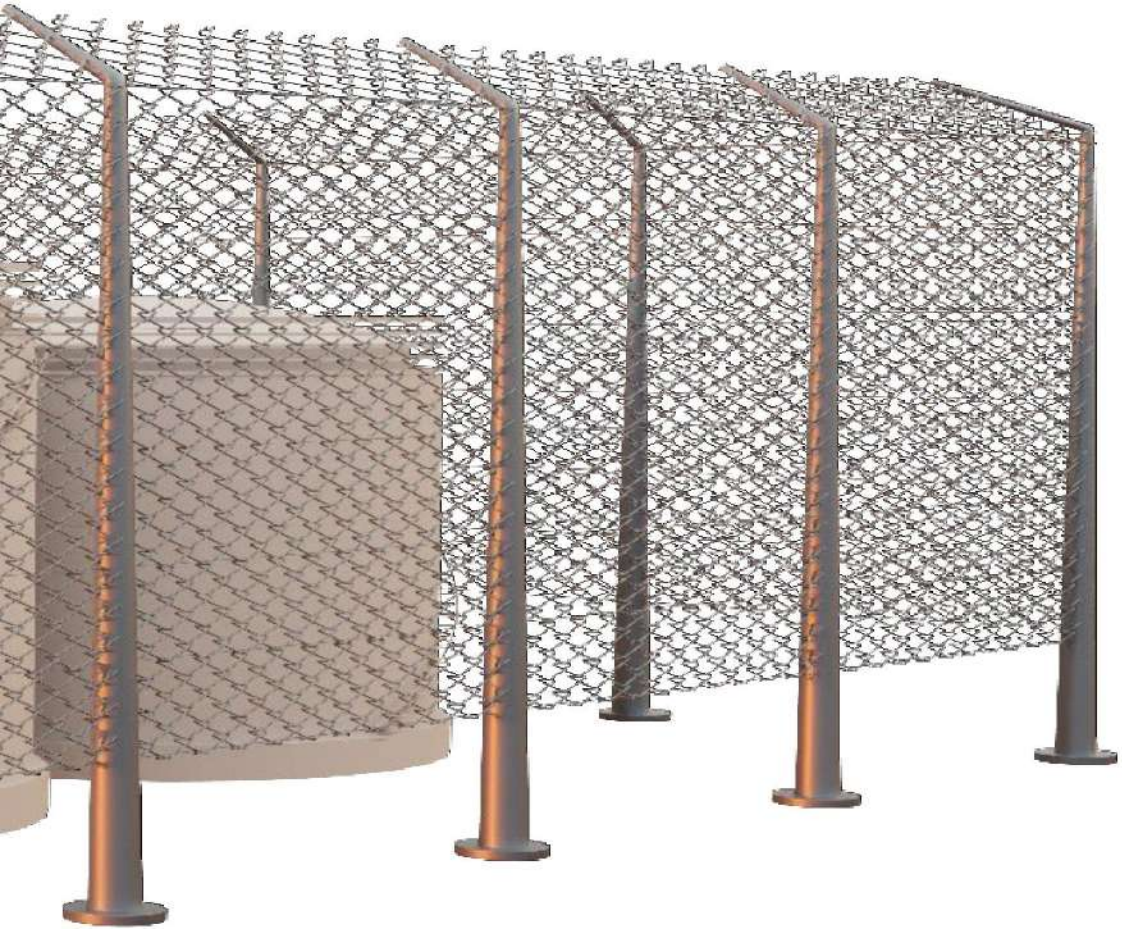
Explosive impact loads testing

Incorporation of foundation and geotechnical design

Site-specific risk assessments (SRA)

Installation & Civil Work

Introducing Anti Drone Fence



ROBUST POLE DESIGN

Poles extend 3m above and inward, with a tapered polygonal design and engineered foundation for enhanced strength.

HIGH TENSILE WOVEN MESH

Built with 1500 MPA tensile wires to stop 80 kg drones at 250 km/h, even with explosive payloads.

EXPLOSION IMPACT MITIGATION

Installed 7 meters away from the asset to minimize the impact of potential explosions.

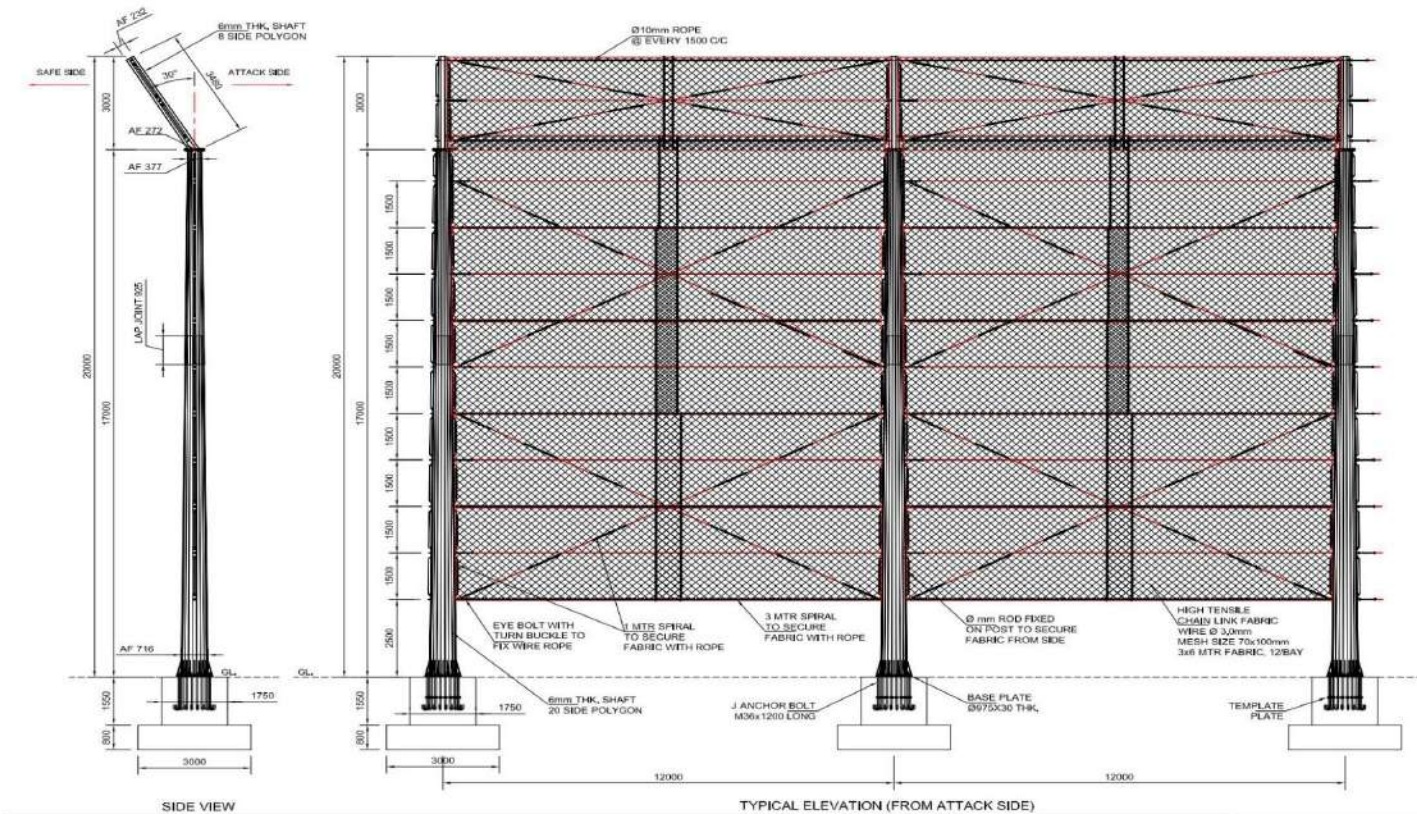
CORROSION RESISTANT

All components are hot-dip galvanized, ensuring long-lasting performance even in corrosive environments

OPTIMIZED MAINTENANCE

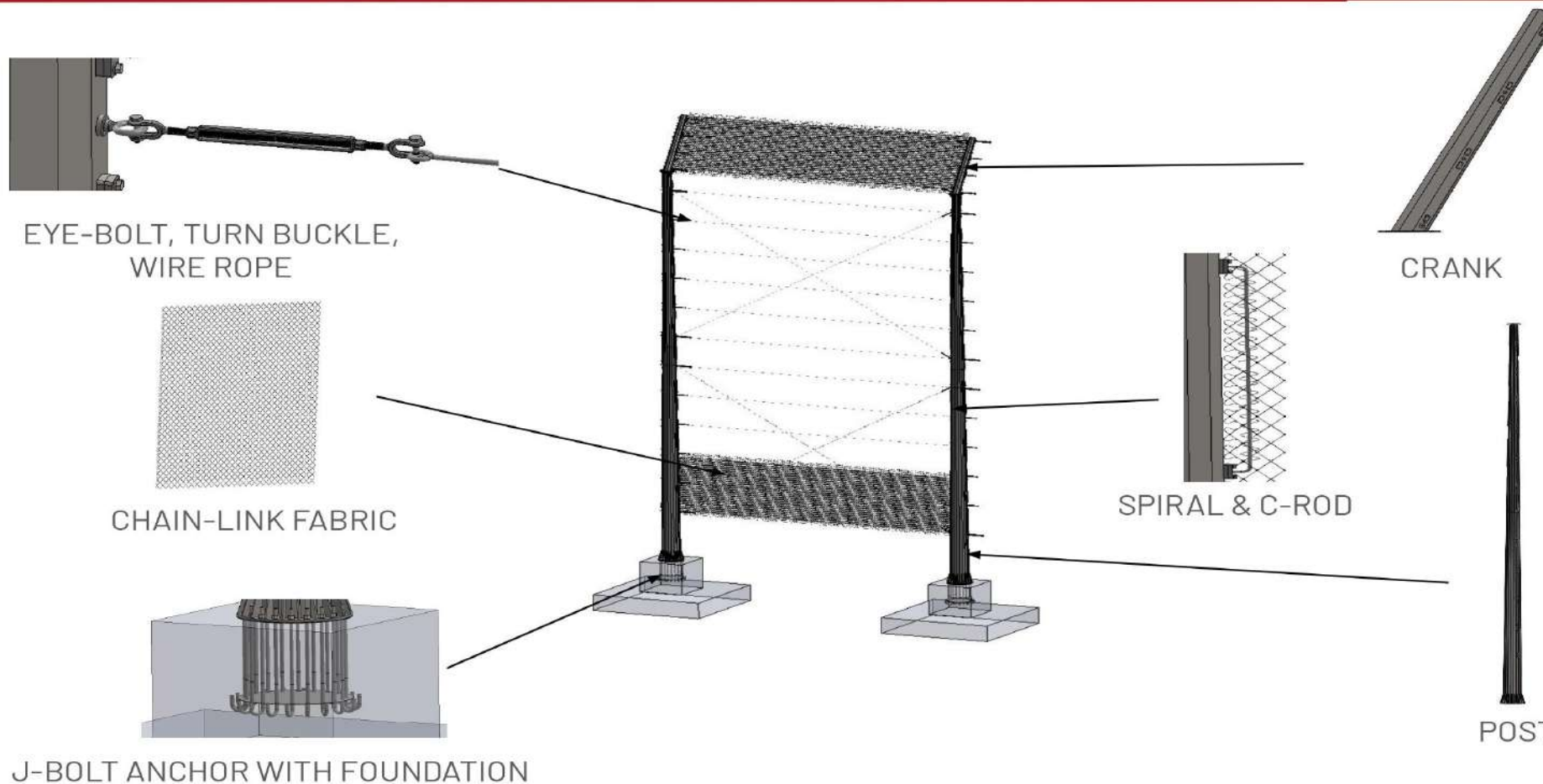
Mesh starts 2.5m above ground for easy maintenance; guide wires direct any failure outward, protecting the asset.

Design



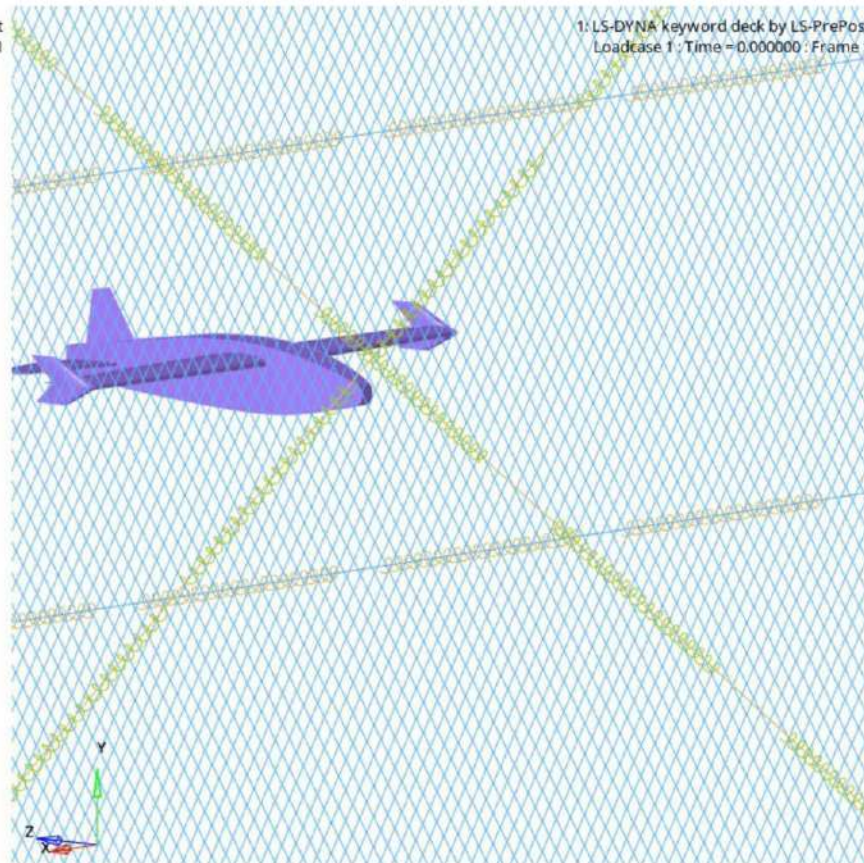
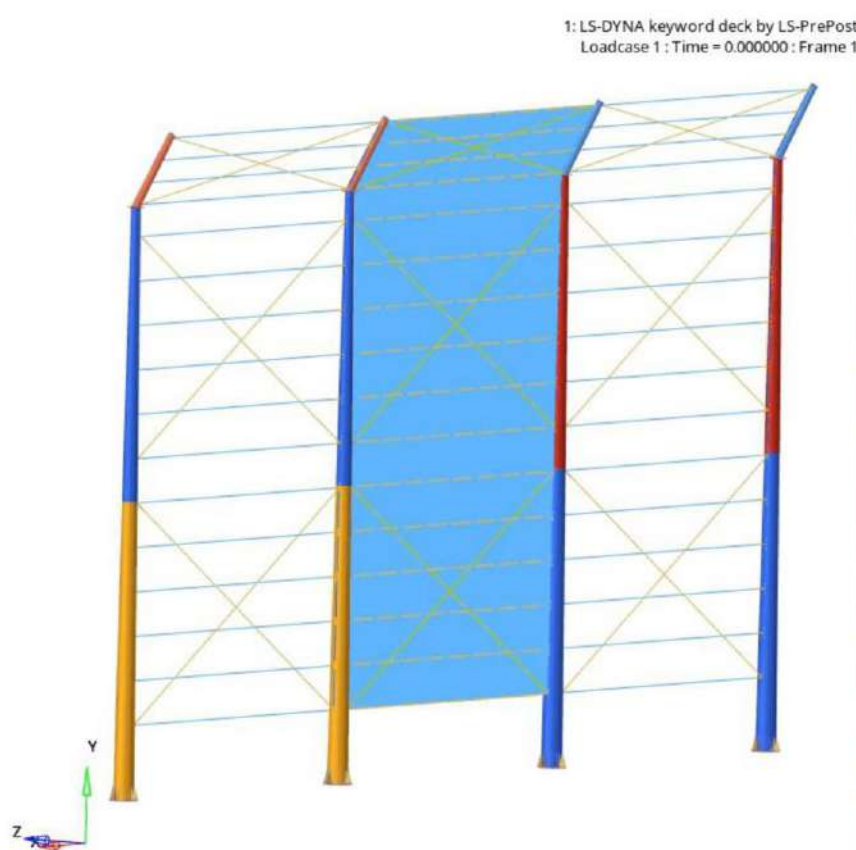
- Polygonal Posts: 2 Posts with fabric in between supported by line ropes
- CTC of Posts: 12 m
- Height of Posts including crank: 23 m
- Height of Drone Impact: $\frac{2}{3}$ of total height ~ 15 m
- Drone impact location along length: Center of posts
- Drone Velocity: 250 kmph
- Drone weight: 80 kg (self weight) + 5 kg (Explosives) = 85 kg
- Preload on Line Ropes: 3 kN

Design



SIT Arabian
Contracting Company Limited

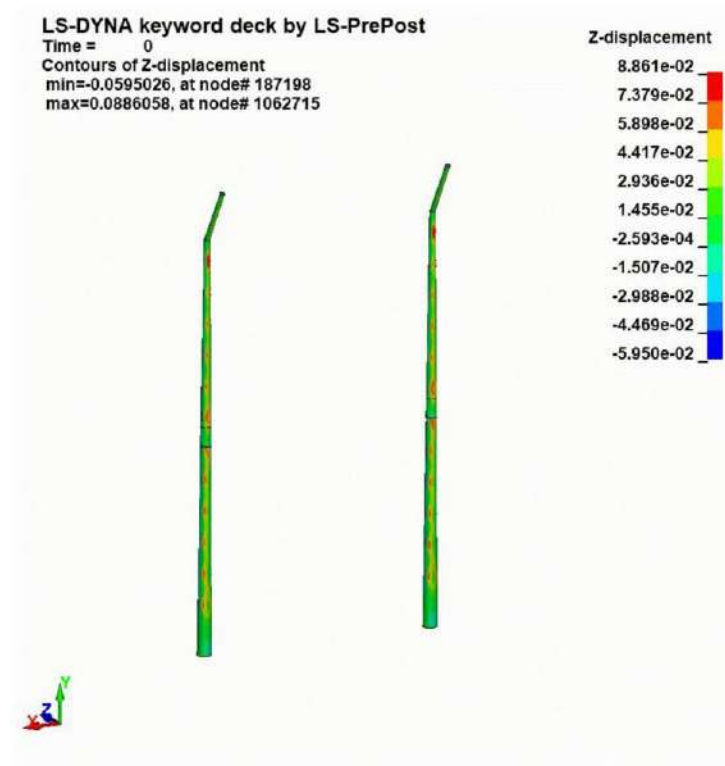
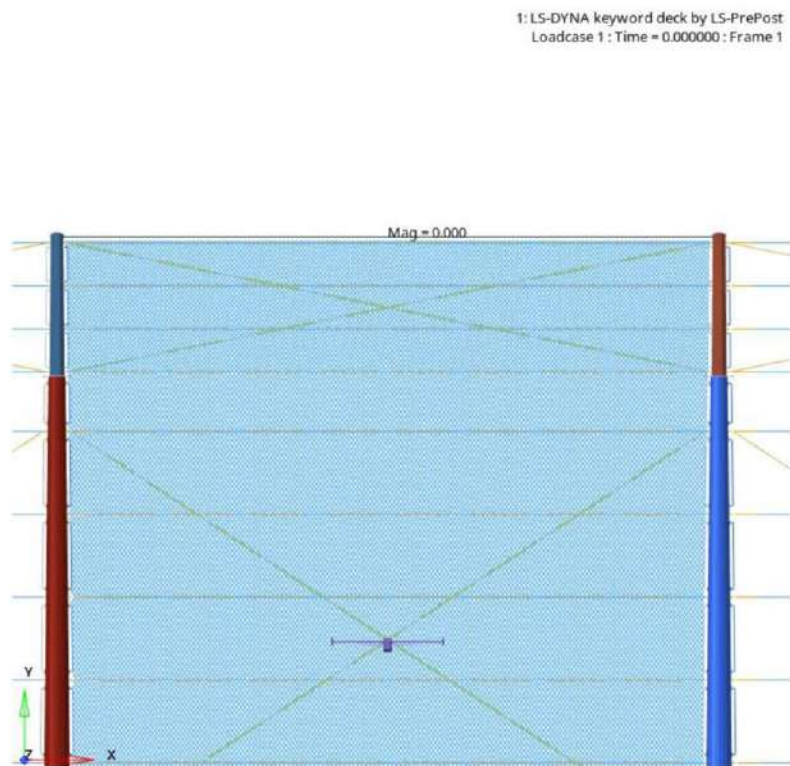
Design - Using 6mm poles



Design - Using 6mm poles

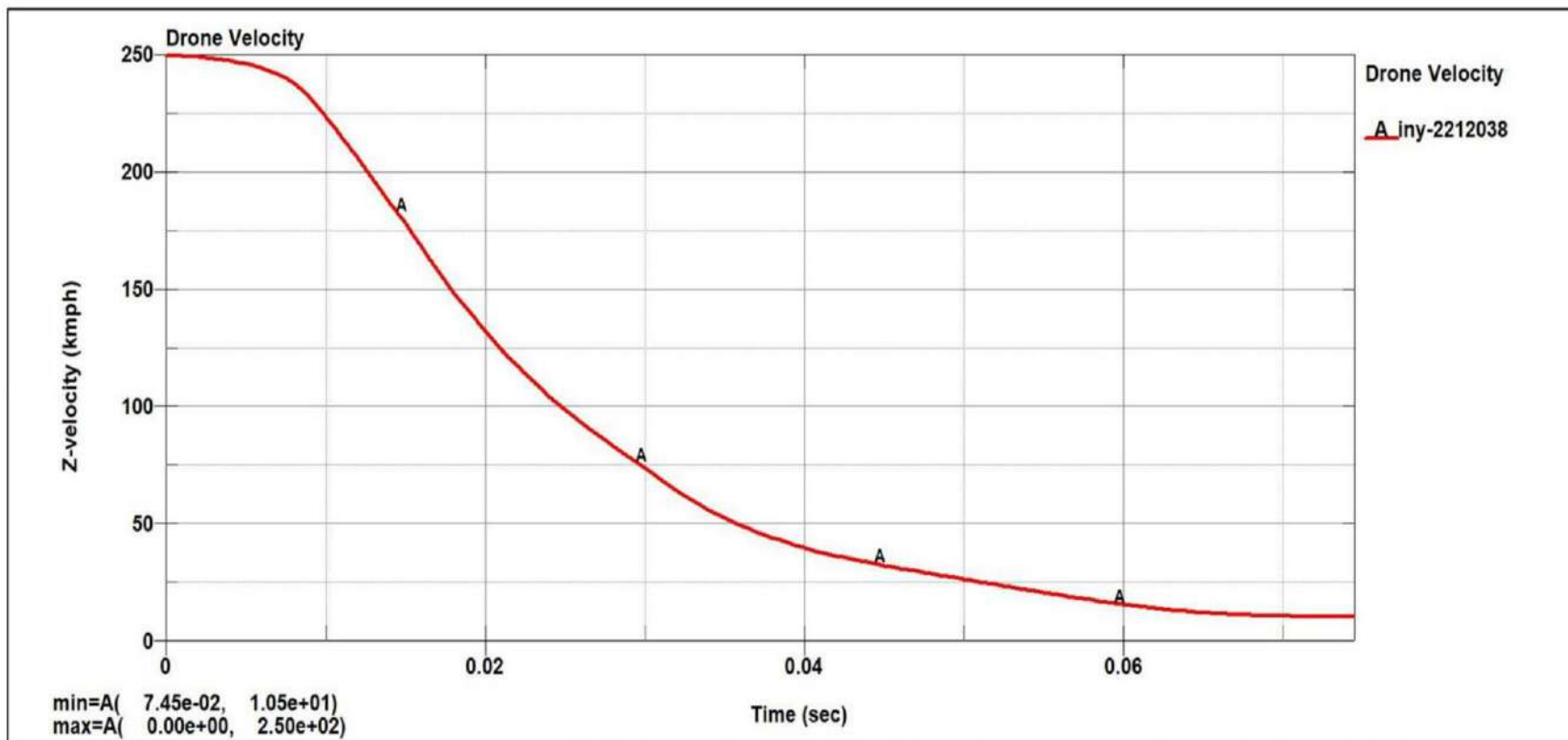
In X Direction: 345 mm

In Z Direction: 45 mm

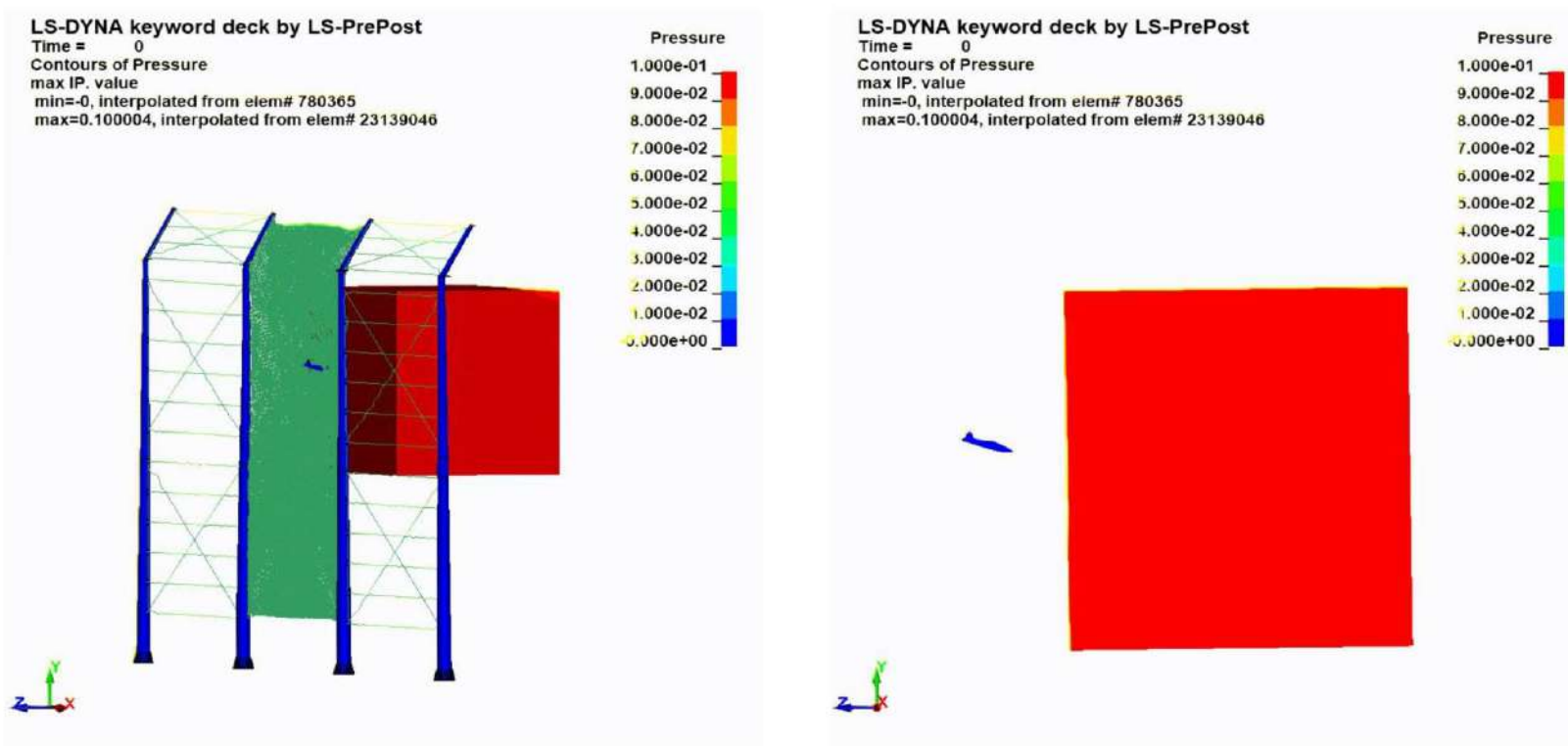


SIT Arabian
Contracting Company Limited

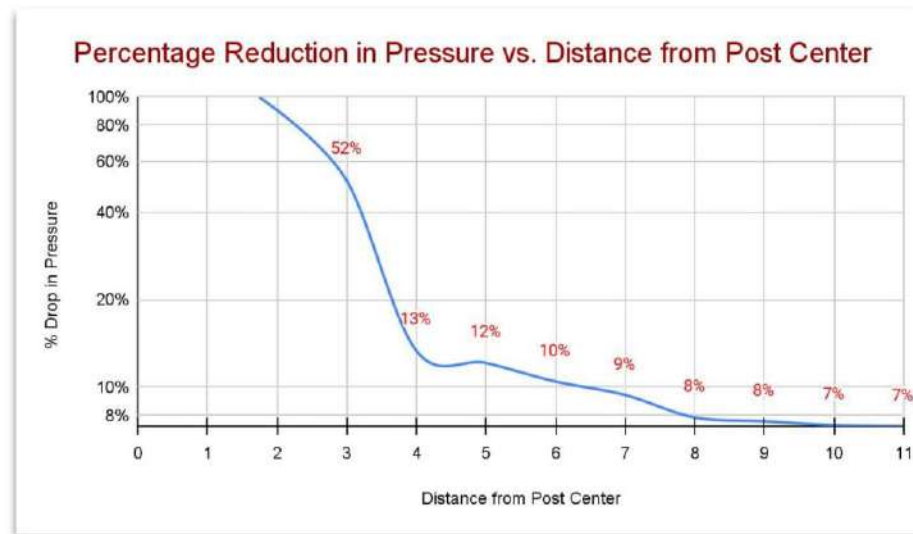
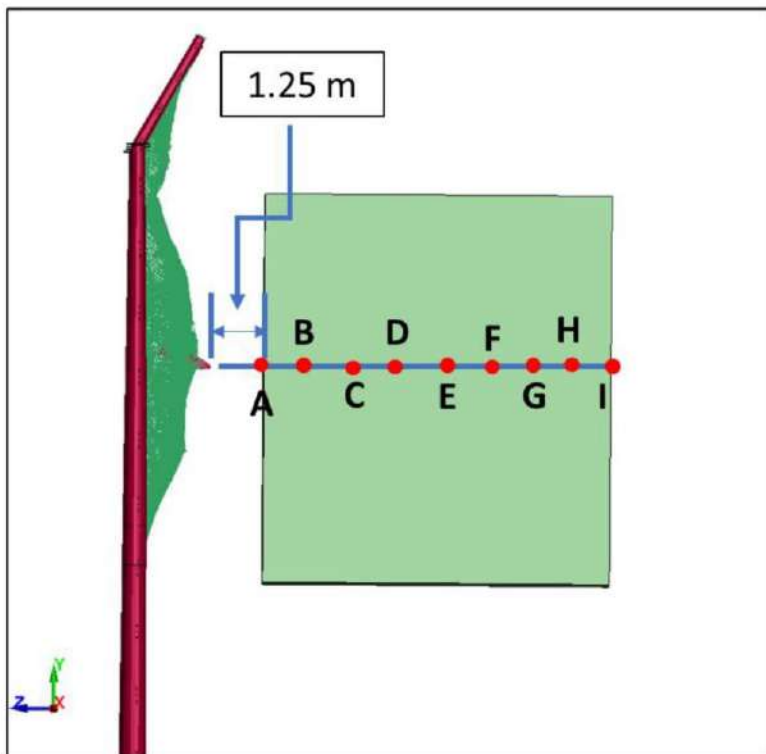
Design - Drone Velocity



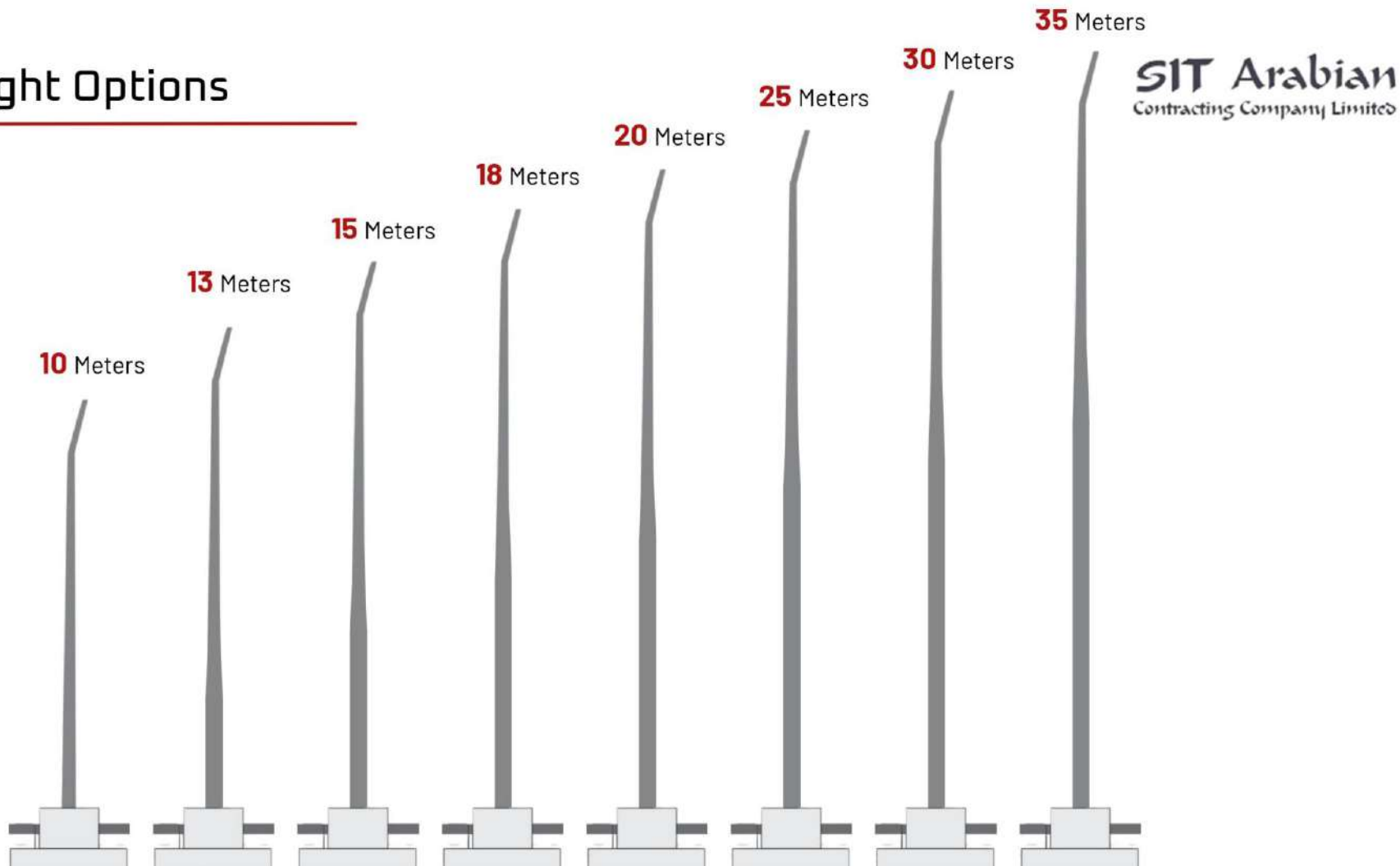
Design - Blast Impact



Design - Blast Impact



Height Options



SEC BESS STATION

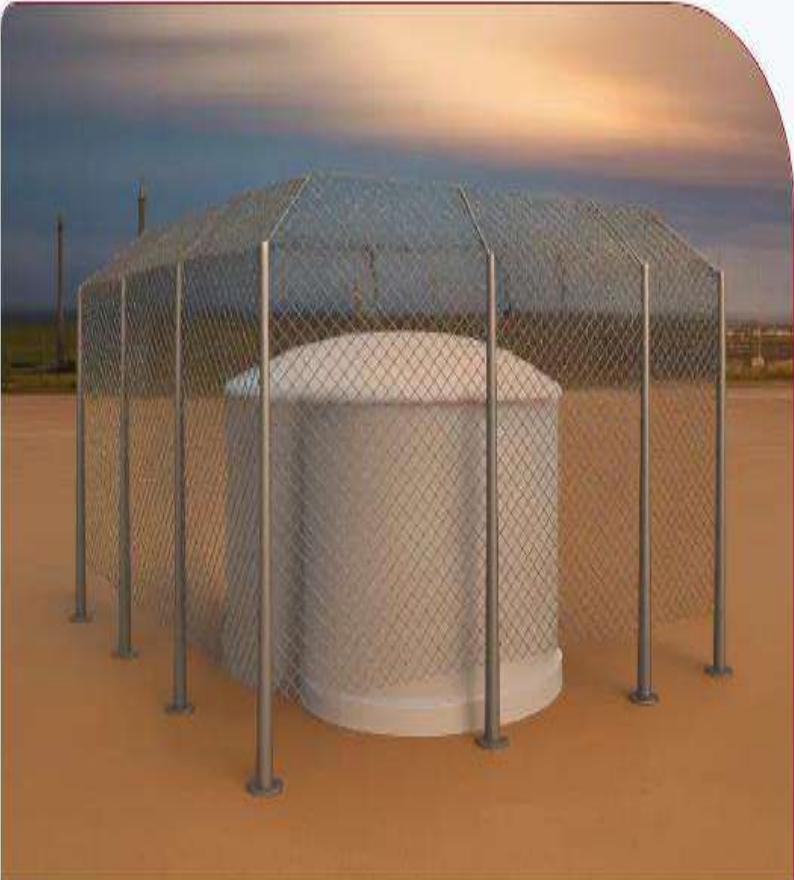


GASCO

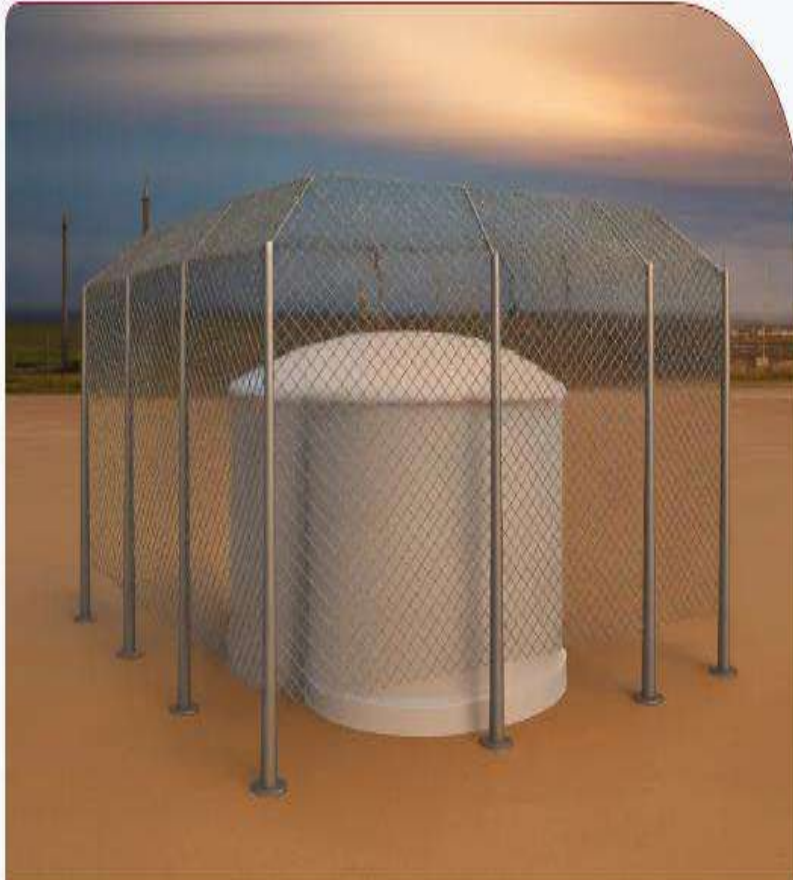


Component	Specification
Mesh Opening	100 × 70 mm – Ensures limited drone passage
Wire Type	High-Tensile Galvanized Steel
Wire Diameter	2.70 mm – Balanced for flexibility and impact resistance
Tensile Strength	≥ 1350 MPa – Capable of halting high-speed drone impact
Wire Rope	6 mm Hot-Dip Galvanized – Enhanced structural tension
Post Height	3 meters above asset – Covers aerial entry zones
Crank Angle	30° Inward – Redirects or intercepts incoming drones
Coating Standard	Hot-Dip Galvanized as per ASTM A123 – Corrosion protection
Mesh Width	Up to 6 meters – Allows wide-area coverage

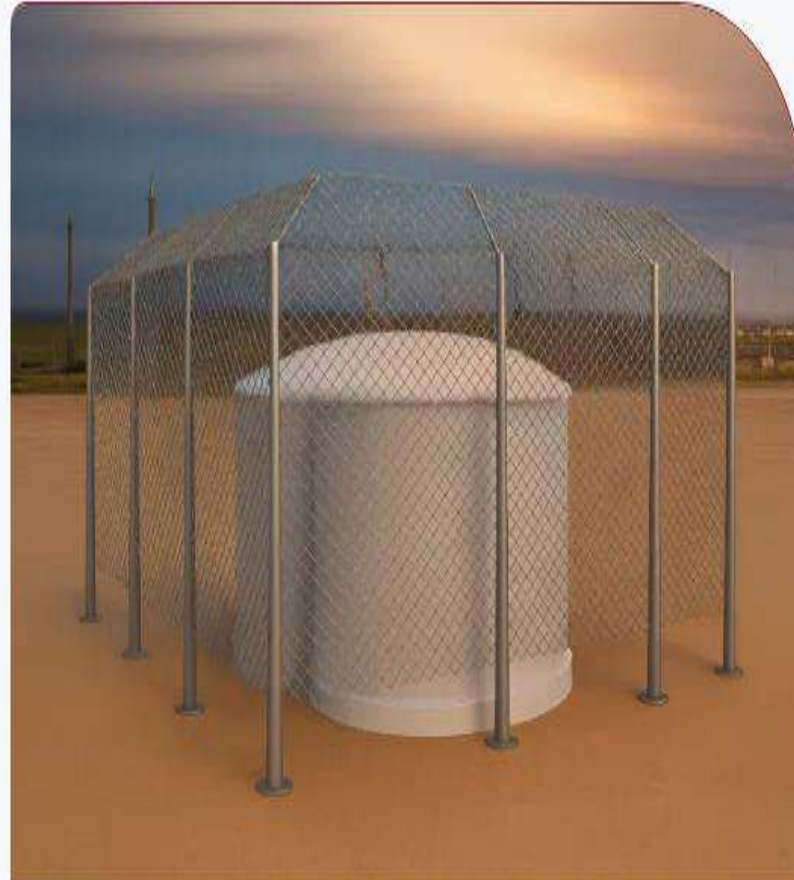




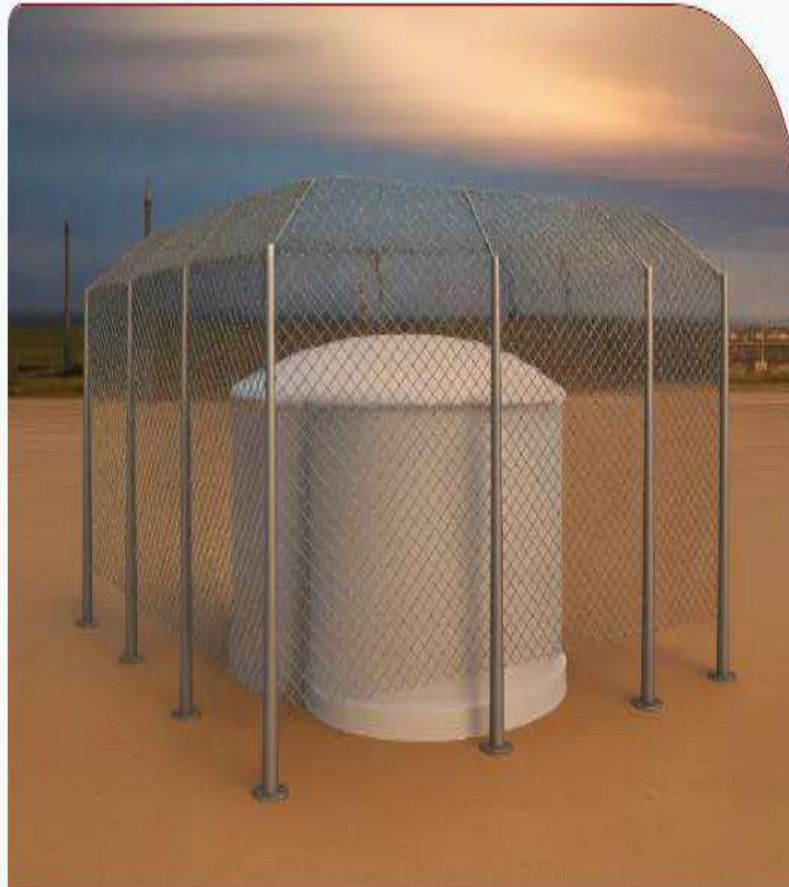
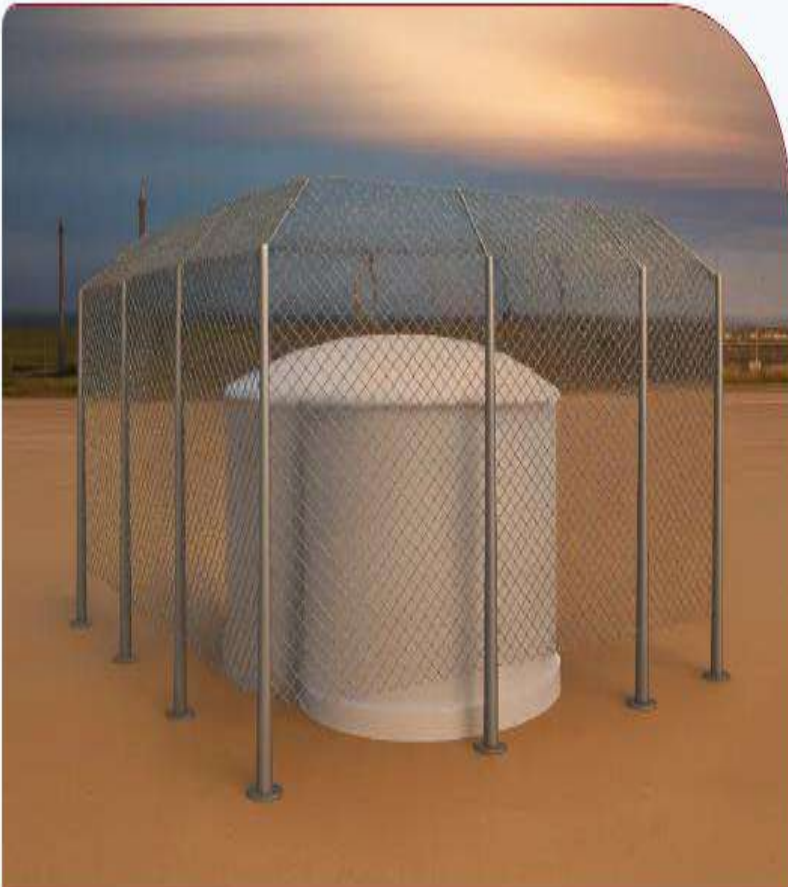
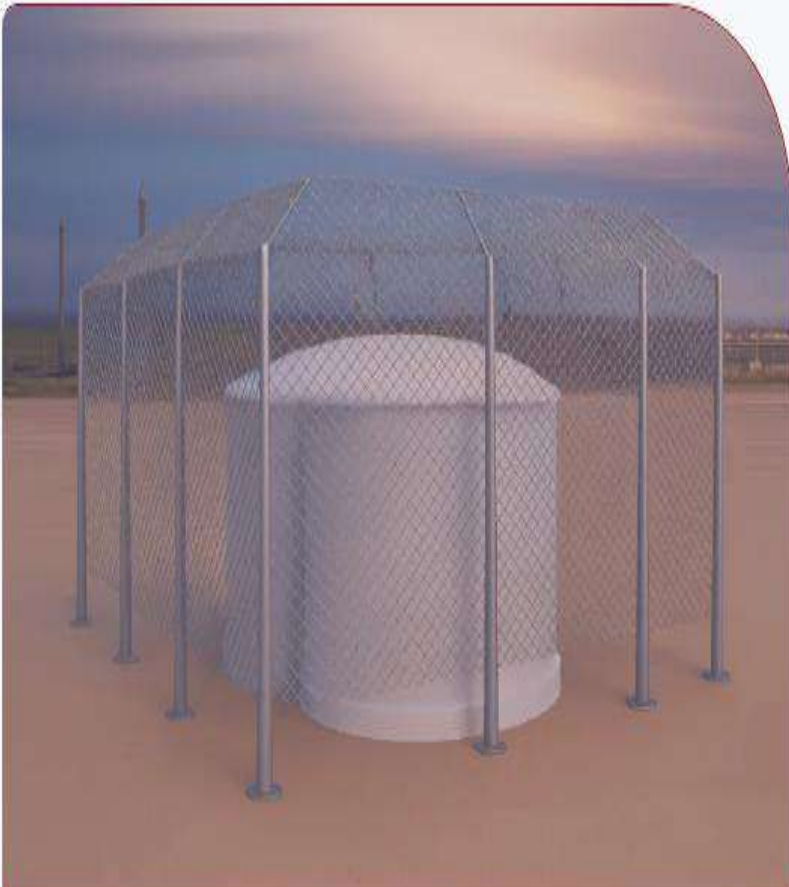
Petrochemical Plants and Oil Refineries



Battery Energy Storage System



Electrical Transformer Yards



IT Infrastructure and Data Centers

Water Purification and utility Plant

Industrial and Manufacturing zones

Key Features That Set Us Apart

High Strength Fabric Mesh : The fence is designed using galvanized steel wire, 1350+ MPa tensile strength and therefore has the capacity to intercept drones that may be moving at a rate of 250 km/h, 80 kilograms of weight with a possible payload of 5 kilograms of explosive material.

Robust Pole Design : The support posts are cross-sectional to be 3 meters above the asset, making a robust overhead protective structure. The following inward crank angle of 30° introduces a new level of defense, preventing easy overflight, hovering, or payload drops. Constructed from hot-dip galvanized steel to withstand the elements over time. Each system is installed with a 7 meter standoff in front of the core asset as a critical buffer to help release blast pressure in the event of an explosive drone strike—reducing collateral harm and maximizing site safety.

Hitech Anti-Drone Fence has been created to withstand harsh outdoor use and consistently operate in the following conditions:

- Extreme cold and hot temperatures (**-10°C to +60°C**)
- Up to **95%** humidity
- Wind speeds reaching **112 km/h**

- ❖ At SIT & Sit Arabian safety is given the highest priority. The Occupational HSE Policy enunciated by the Top Management lays emphasis on Safety, Health and Environment through a structured approach and a well defined organization
- ❖ HSE Systems and procedures have been established for implementing the requisites of safety at all stages of construction /Maintenance
- ❖ HSE awareness among employees is sustained through regular training programmes
- ❖ Inspection and safety audits are conducted periodically
- ❖ The Safety Practices in Sit Arabian are standardized and accredited by ISO 14001:2015 and ISO 45001:2018 standard



HSE Plan

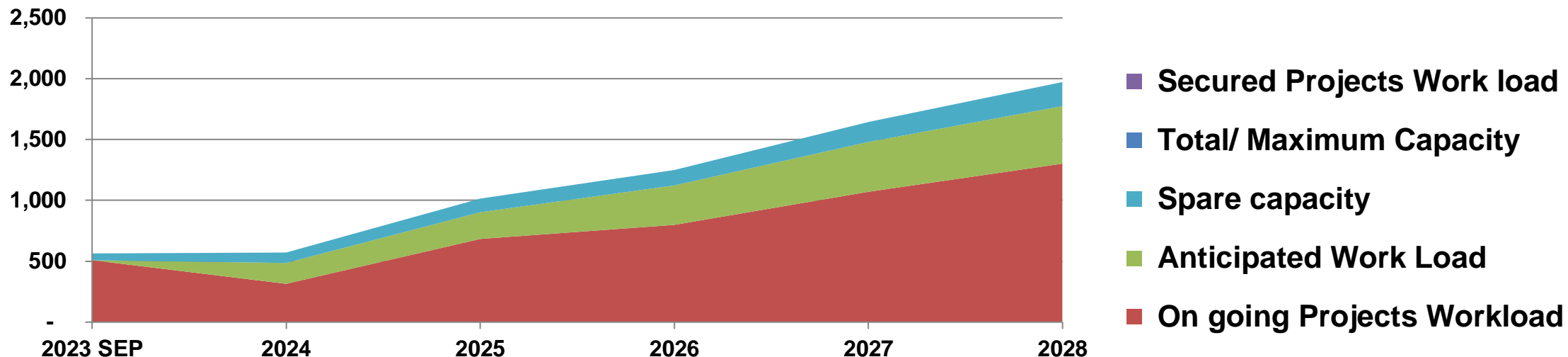
- ❖ Project HSE Plan will mainly address the following:
- ❖ Project Highlights & Scope
- ❖ Safety Policy And Objectives
- ❖ HSE Organization Chart
- ❖ Safety Rules & Procedures
- ❖ Traffic Management
- ❖ Site Administration Facilities
- ❖ HSE Performance & Reports
- ❖ Permit System

- ❖ Quality Policy enunciated by the Top Management emphasizes customer satisfaction through total involvement and prompt responses at all levels.
- ❖ Quality and reliability are built into every product through a well laid out and rigorously implemented Quality Assurance Program which has been accredited with ISO 9001:2015 certification.
- ❖ Continual improvement of quality system documents is ensured through systematic review & and feedback.
- ❖ SIT also motivates employees to attain a global benchmark through continuous learning.

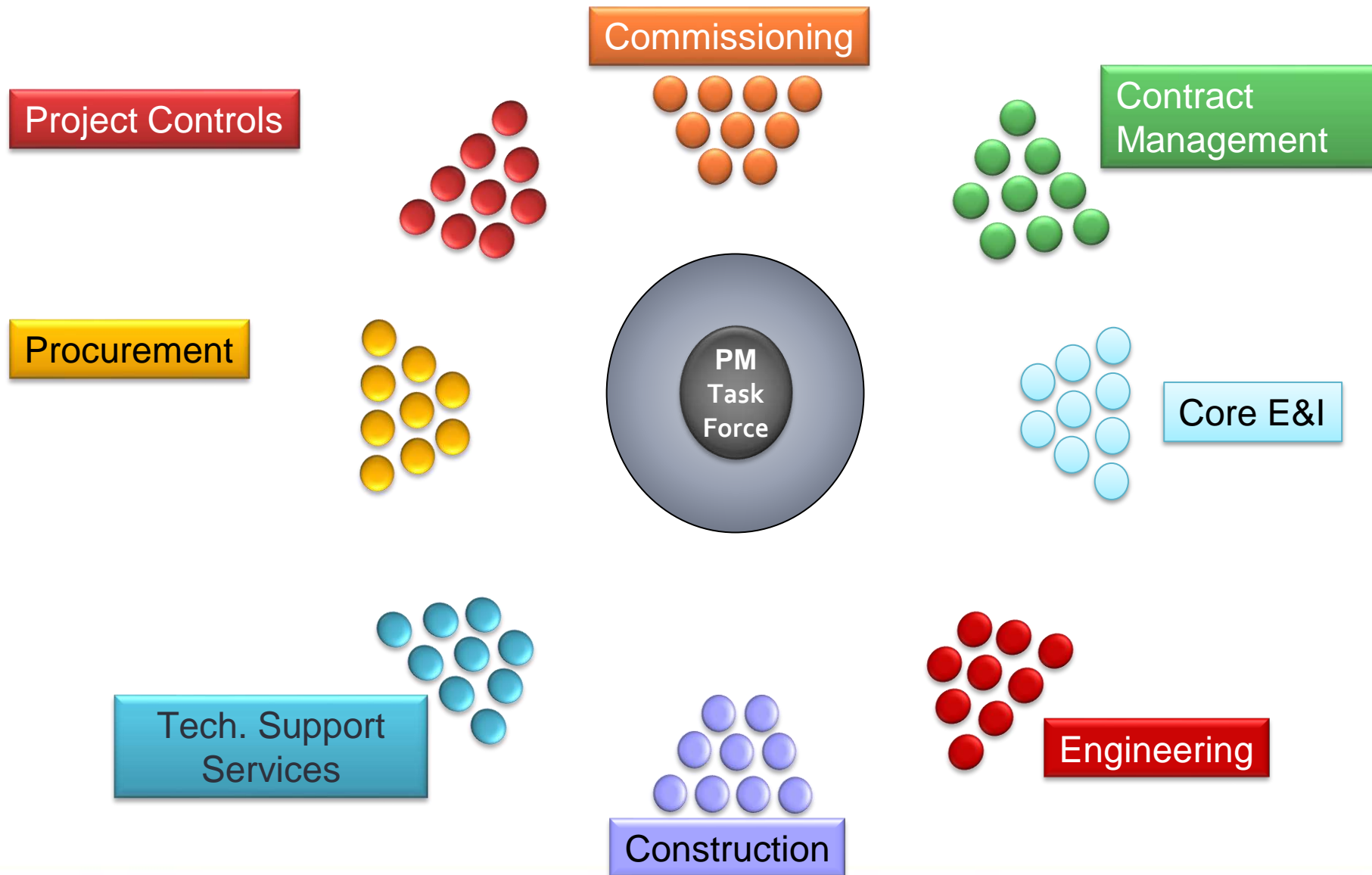


Work load For 2023-2028

Year	Values in terms of manpower					
	2023 Sep	2024	2025	2026	2027	2028
On going Projects Workload	506	314	683	798	1069	1301
Secured Projects Work load		569	575	683	716	789
Anticipated Work Load		172	220	325	411	471
Spare capacity	59	86	112	124	165	198
Total/ Maximum Capacity	565	1,141	1,590	1,930	2,361	2,759



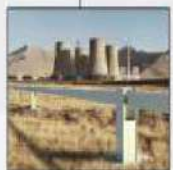
Project Task Force Concept



SECURITY SOLUTIONS

CLASS I These fencing systems are used at facilities where the highest level of security is required with an FSC of Class I – Anti Personnel RWM Fence (APF) + Anti Vehicle Barrier (AVB)

CLASS II Anti Personnel RWM Fence is used at facilities with an FSC of Class 2 where a high level of security is required



A-1 Alcazar AVB (Beam Barrier)



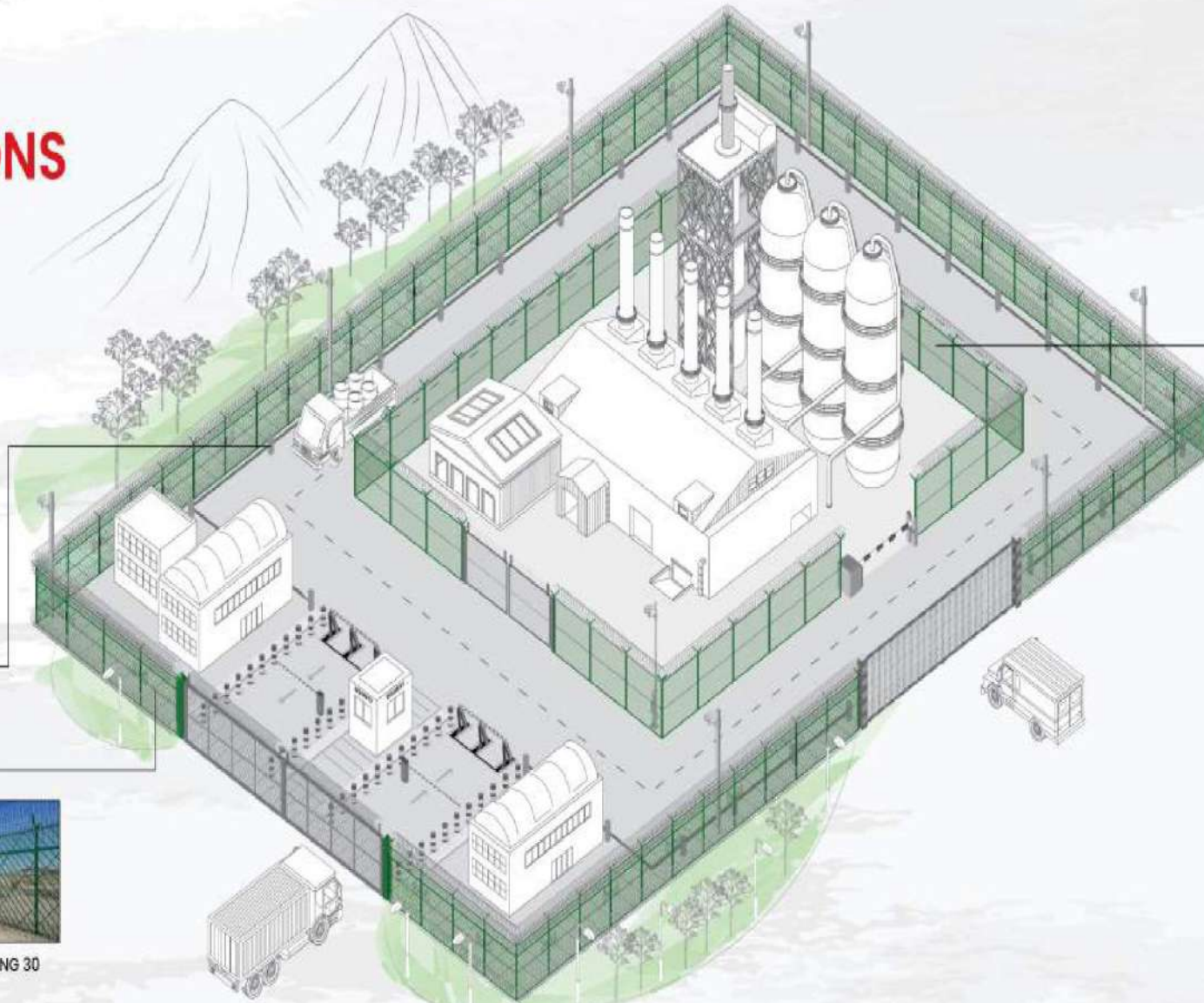
A-1 Alcazar AVR (Rope Barrier)



A-1 Akat NG 30



Chainlink Fence



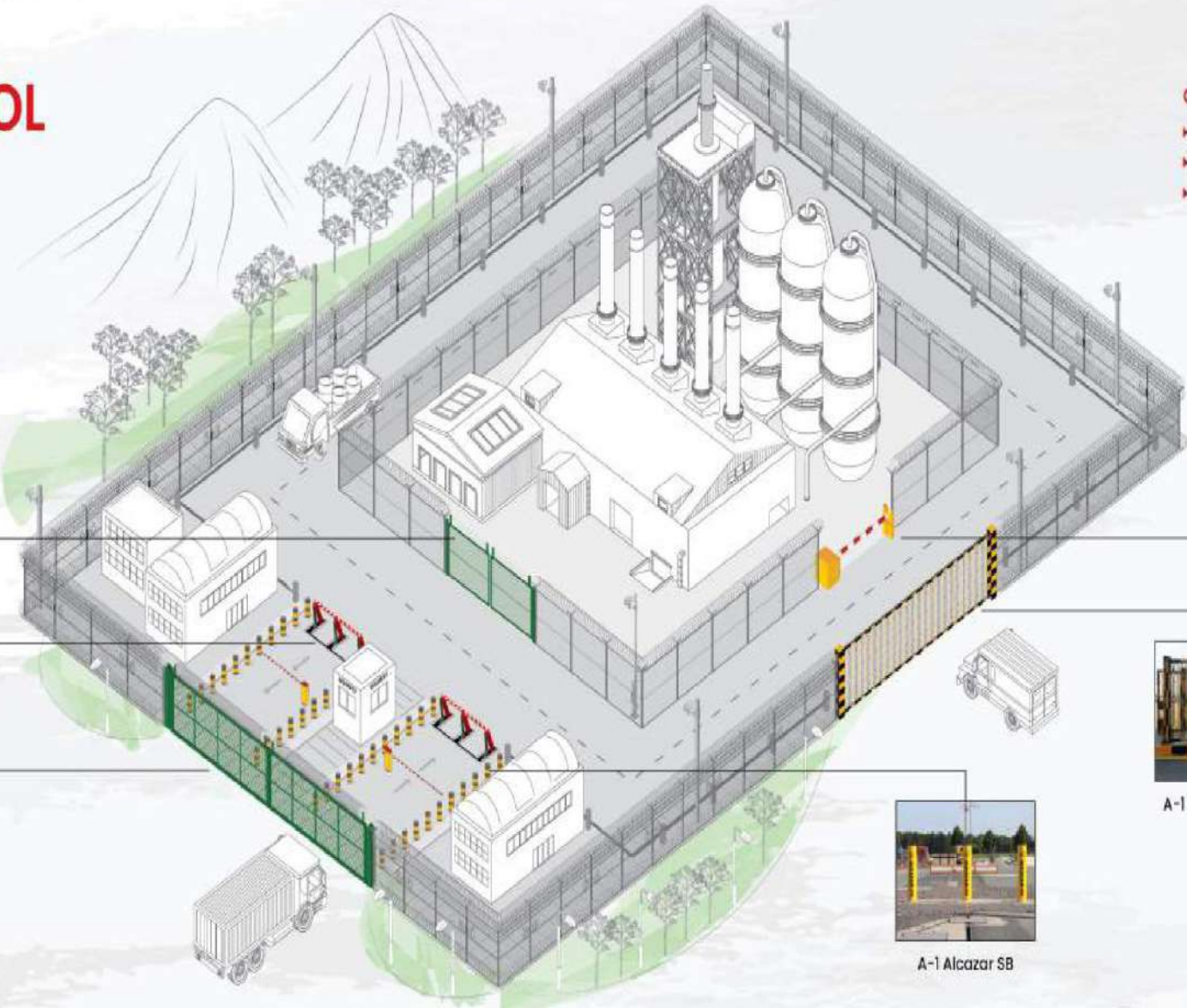
CLASS III CLF Fence + CC 2 Rows make up for the requirement of medium level security with an FSC of Class 3

CLASS IV These fencing systems are used with an FSC of Class 4 - CLF Fence + CC 1 Row

ENTRANCE CONTROL SOLUTIONS

Our range of entrance control solutions include:

- ▶ Sliding Gate
- ▶ Motorized Gate
- ▶ Road Blocker
- ▶ Swing Gate
- ▶ Auxiliary Gate
- ▶ Bollards
- ▶ Manual Gate
- ▶ Emergency Gate
- ▶ Drop Arm Barrier



A-1 Alcazar Road Blocker



A-1 Akat Gate



A-1 Alcazar SB



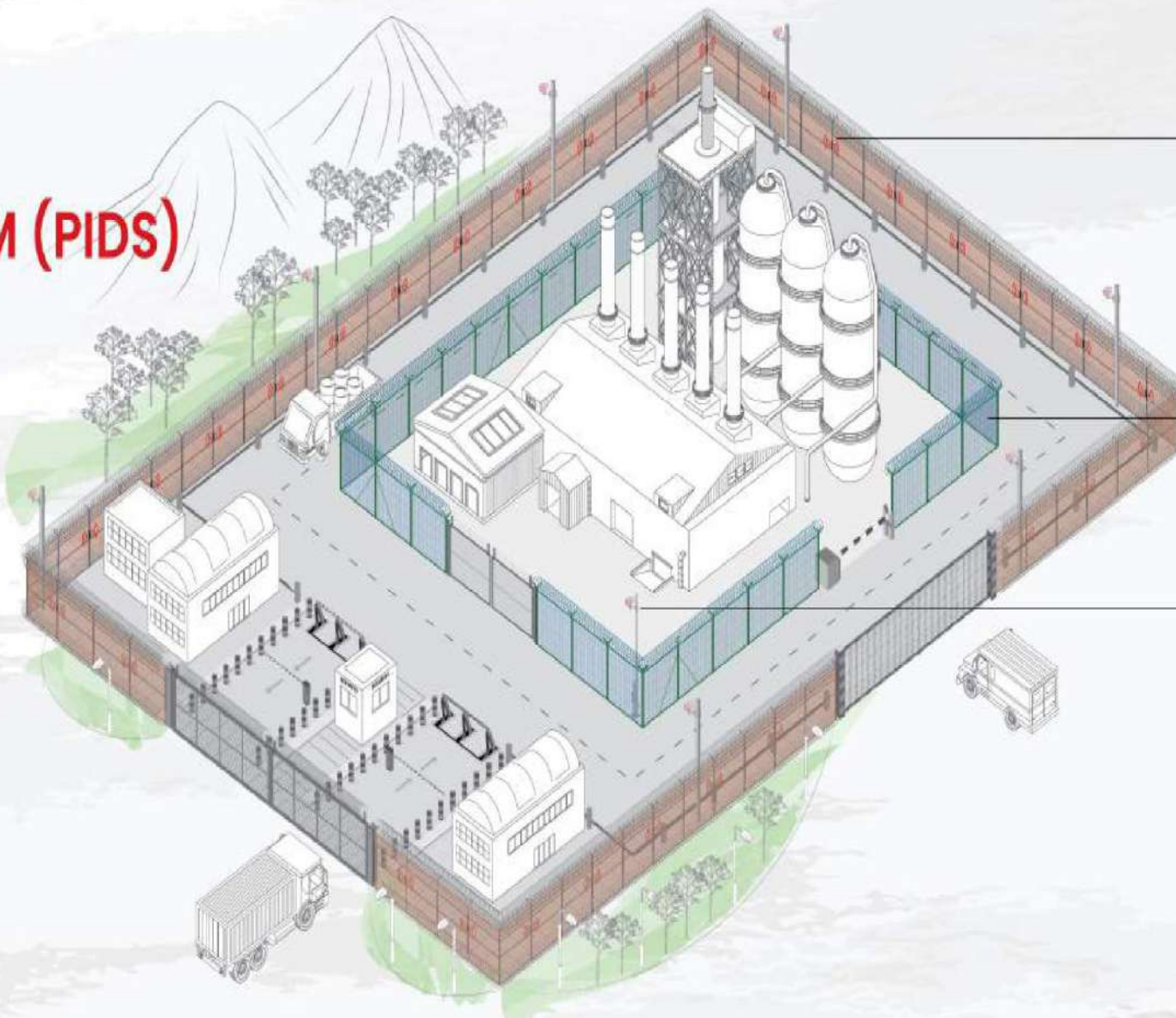
A-1 Auxiliary Gate



A-1 Alcazar CBB

INTRUSION DETECTION SYSTEM (PIDS)

PIDS is an advance warning system to avoid intrusion attempts. Both the PIDS and the perimeter fence works in unison - the physical fence provides delay and deterrence, while the PIDS system provides detection, making it a truly integrated perimeter security system.



Liminal-K



Fensense



Tilt Camera Pole

COMPREHENSIVE SECURITY SOLUTIONS

ENTRANCE CONTROL SOLUTIONS

Swing Gate

A-1 Alcazar CBB



A-1 Alcazar Road Blocker



A-1 Auxiliary Gate

A-1 Alcazar SB



A-1 Akat Gate

PERIMETER SECURITY SOLUTIONS



A-1 Alcazar AVB (Beam Barrier)



A-1 Alcazar AVRB (Rope Barrier)



Chainlink Fence



A-1 Akat NG 30

PERIMETER INTRUSION DETECTION SYSTEM (PIDS)



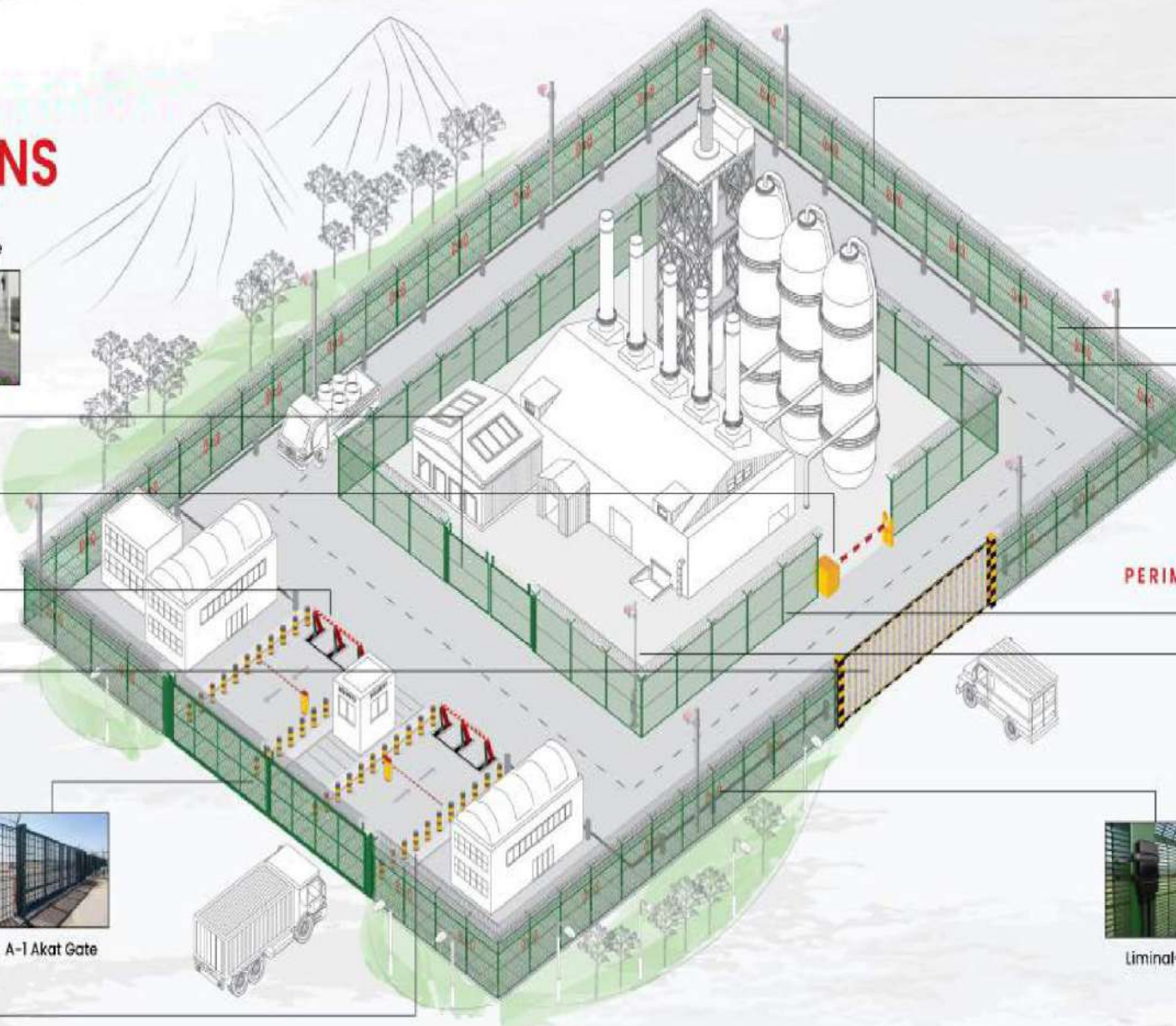
Tilt Camera Pole



Fensense



Liminal-X



High Security Solutions

SIT Arabian
Contracting Company Limited

OTHER PROJECTS



Sadara Value Park, Jubail



380kv substation, Sudair



SWCC EIC khobar WTS, Al Khobar



SEC 380kv Substation, Marjan, Tanajib



Ma'aden Ammonia 3, Ras Al Khair



SWCC Tofie Welfiled, Jubail



SWCC Jubail Riyadh WTS



SWCC Dammam Jamiyah WTS

Number of pages

رؤية
VISION 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA


الهيئة العليا للأمن الصناعي
High Commission For Industrial Security
رخصة مزاولة نشاط

المملكة العربية السعودية
الهيئة العليا للأمن الصناعي

رقم الرخصة : ١٣٣٨ - ٢١١ - ٢٣٠

شركة صديقي انفراتك العربية المحدودة			الإسم التجاري
٧٠٢٥٥٧٦٣٢٨	الرقم الموحد للمنشآت (٧)	٢٠٥١٢٣٧٠٥٩	رقم السجل التجاري
الخبر	منطقة مزاولة النشاط	١٤٤٨-٠٥-٢٢	تاريخ الإصدار
تركيب وصيانة أجهزة ومعدات الإطفاء			النشاط المرخص
			الأجهزة والمعدات

تشهد الهيئة العليا للأمن الصناعي بأن المنشأة الموضحة أعلاه قد أستوفت كافة الإجراءات والإشترطات النظامية لمزاولة النشاط الموضح أعلاه وقد أصدرت لها هذه الرخصة كمنشأة مصرح لها لمزاولة النشاط المذكور.

High Commission For Industrial Security



* للتحقق من صلاحية الرخصة الرجاء الدخول على منصة الهيئة العليا للأمن الصناعي <https://hcis.gov.sa>
* يتطلب وجود النشاط في السجل التجاري المذكور أعلاه، على أن يكون السجل التجاري ساري المفعول

رؤية
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



الهيئة العليا للأمن الصناعي
Supreme Authority For Industrial Security

رخصة مزاولة نشاط

المملكة العربية السعودية
الهيئة العليا للأمن الصناعي

رقم الرخصة : ٢٥٥٠٦١٣٩٦٦٧

شركة صديقي انفراتيك العربية المحدودة			الإسم التجاري
٧٠٢٥٥٧٦٣٢٨	الرقم الموحد للمنشآت (٧)	٢٠٥١٢٣٧٠٥٩	رقم السجل التجاري
١٤٥٠٠٠٤٠٠٦	منطقة مزاولة النشاط	١٤٤٧٠٠٤٠٠٦	تاريخ الإصدار
الخبر	الخبير	تاريخ الإنتهاء	النشاط المرخص
تركيب وصيانة الأجهزة الأمنية			الأجهزة والمعدات
أجهزة وأنظمة الإنذار ضد السرقة, أجهزة وبوابات الكشف عن المعادن, أجهزة تفتيش الحقائب والطرود, أجهزة بوابات الدخول والخروج بالبطاقات			

تشهد الهيئة العليا للأمن الصناعي بأن المنشأة الموضحة أعلاه قد أستوفت كافة الإجراءات والإشترطات النظامية لمزاولة النشاط الموضح أعلاه وقد أصدرت لها هذه الرخصة كمنشأة مصرح لها لمزاولة النشاط المذكور.



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* يتطلب وجود النشاط في السجل التجاري المذکور أعلاه، على أن يكون السجل التجاري ساري المفعول

الهيئة العليا للأمن الصناعي

Supreme Authority For Industrial Security

Major Companies

ARAMCO-10110426

SABIC-S11240488

PETRO RABIGH

MA'ADEN

SECEO-2009891

NMDC-8543902

NEOM-11024077

Major EPC Players

JGC,SAMSUNG,FW

SIPCHEM,DAELIM

KBR,FLOUR,TR,ABB

DOW,SAIPEM,MD

L&T,CTCI,HCC,EPCC

DOOSAN,HEC,L&T

PETROFAC,UDHE

TECHNIP,SINOPEC

Goven. Sectors

Bahrain- MOI

Bahrain-Electricity & Water

KSA/Bahrain Municipality

MODON

MINISTRY OF HOUSING

DACO,BAPCO,KOC

KNPC



CERTIFICATE OF REGISTRATION

INTERCERT hereby certifies that the Quality Management System of

SIT Arabian Contracting Co. Ltd.

P.O BOX # 34446, ALKHOBAR-31952, KSA, Al Khobar, Kingdom of Saudi Arabia

Has been successfully assessed as per the requirements of

ISO 9001:2015

For the scope of

General Contracting of Civil, Electrical, Mechanical & IT Works, Fire Protection & Security System.

Initial Certification Date : February 16, 2022
 Certificate Issue Date : February 16, 2022
 Surveillance Validity Date : February 15, 2024
 Recertification Date : February 15, 2025

Registration Number: IC-QM-2202108

Issued on behalf of InterCert
Head - Certifications



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CERTIFICATE OF REGISTRATION

INTERCERT hereby certifies that the Occupational Health & Safety Management System of

SIT Arabian Contracting Co. Ltd.

P.O BOX # 34446, ALKHOBAR-31952, KSA, Al Khobar, Kingdom of Saudi Arabia

Has been successfully assessed as per the requirements of

ISO 45001:2018

For the scope of

General Contracting of Civil, Electrical, Mechanical & IT Works, Fire Protection & Security System.

Initial Certification Date : February 16, 2022
 Certificate Issue Date : February 16, 2022
 Surveillance Validity Date : February 15, 2024
 Recertification Date : February 15, 2025

Registration Number: IC-OS-2202110

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CERTIFICATE OF REGISTRATION

INTERCERT hereby certifies that the Environmental Management System of

SIT Arabian Contracting Co. Ltd.

P.O BOX # 34446, ALKHOBAR-31952, KSA, Al Khobar, Kingdom of Saudi Arabia

Has been successfully assessed as per the requirements of

ISO 14001:2015

For the scope of

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Initial Certification Date : February 16, 2022
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 Recertification Date : February 15, 2025

Registration Number: IC-EM-2202109

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We Hereby hope you read and understand well and we would welcome your concerns for any further clarification

Thank you!

Mr. Shaik Sayeed

Director (SIT Group)

Mobile: (+966) 563084888

Email : gm@sitgroup.in

: shaiksayeed@sitarabian.com

Web : www.sitgroup.in / www.sitarabian.com

Dr. Mohiuddin Ali Siddiqui

CEO (SIT Group)

Mobile: (+966) 507012329 / +919849998015

Email : mohiuddin@sitgroup.in

: mohiuddin@sitarabian.com

Web : www.sitgroup.in / www.sitarabian.com