

Ensuring smooth & controlled passage for everyone with

A-1 Turnstiles



HCIS COMPLIANT

Guaranteed Ease of Access!

ABOUT **A-1** FENCE ARABIA

A-1 Fence Arabia is a leading company in perimeter security solutions. We have a strong history of over 25 years specializing in high-security solutions that comply with **HCIS** standards in Saudi Arabia.

Our core mission at A-1 Fence Arabia is to protect assets, borders, and people worldwide. We offer complete end-to-end solutions, from initial site assessment to installation and commissioning.

We provide three main categories of solutions:

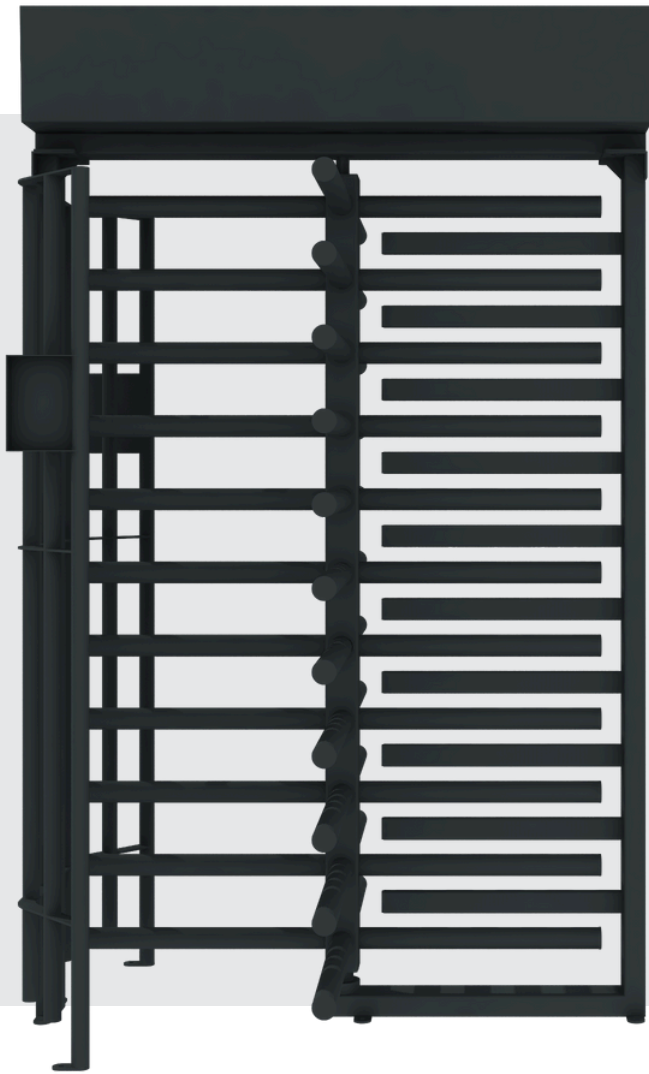
- Perimeter Security Solutions
- Entrance Control Solutions
- Perimeter Intrusion Detection Systems

We proudly serve the world from our strategically positioned offices in KSA, UAE, Oman, India, and the USA, supported by our state-of-the-art manufacturing facilities across the Asian and American continents.



Engineered for
QUALITY

Advanced technology and industry-leading manufacturing techniques are used to ensure that the product is built to the highest quality standards. Team follows rigorous quality checks at every step to ensure that the product meets strict standards for durability, functionality, and reliability.



A-1 Fence Arabia introduces high-quality HCIS Compliant Turnstile Gates that are designed to offer secure and efficient access control for a variety of environments. Our Turnstile Gates are engineered to combine robust security features with user-friendly operation. Built with durable materials to withstand harsh environmental conditions, they ensure long-term reliability and minimal maintenance. Our turnstiles offer a practical solution for enhancing security infrastructure, delivering dependable performance backed by our extensive experience in perimeter security.

Mechanism tested for **500,000** cycles

Our Turnstile Gate is engineered for durability and dependability. Tested for over 500,000 cycles, it promises unmatched longevity and consistent performance even in high-traffic areas. Whether securing office complexes, stadiums, or industrial facilities, A-1 Turnstile Gates deliver robust access control that stands the test of time.



FEATURES

HCIS

HCIS COMPLIANT

Our Turnstile Gate is HCIS compliant, meeting the rigorous standards set by the High Commission for Industrial Security to ensure the highest level of security and reliability for critical infrastructure



MANUAL OVERRIDE

Equipped with a manual override key switch, each turnstile can be set for entry, exit, or free rotation for flexible access control.



SMOOTH & SAFE OPERATION

A-1 turnstiles feature hydraulic damping mechanisms for smooth, safe, and quiet operation, enhancing user experience and safety.



SEAMLESS INTEGRATION

Easily integrates with various access control systems such as card readers, biometric scanners, and facial recognition technology.



SUPERIOR RAW MATERIAL

Constructed with high-quality raw materials, A-1 Turnstiles are built to withstand heavy usage and aggressive environments.



LONG LIFE

High-quality protective coating provides long-lasting durability and excellent resistance to corrosion, even in harsh conditions.



LOW MAINTENANCE

Designed with high-quality accessories for reduced maintenance needs, ensuring long-term reliability and cost-effectiveness.



EASY INSTALLATION

Modular mechanism design allows for quick installation, minimizing downtime and operational disruption.

BENEFITS

ENHANCED
SECURITY

PEOPLE FLOW
MANAGEMENT

REDUCED
MANPOWER
REQUIREMENTS

EFFICIENT SPACE
SAVING DESIGN

CUSTOMIZABLE
SECURITY LEVELS

TECHNICAL SPECIFICATIONS

Parameters	Description
Height	2200 to 2400 mm (customizable)
Width	1200 to 1500 mm (customizable)
Passage Width	500 mm to 650 mm (standard single passage)
Framework Material	As per HCIS standard
Rotors	Four-arm (90° spacing)
Mechanism	Electromechanical
Drive Unit	Uni-directional or bi-directional (programmable)
Power Supply	230 Volt AC mains
Operating Temperature	-30°C to +60°C
Ingress Protection	IP66
Safety Features	Bi-directional access control Smooth continuous movement Anti-passback security Manual key- override
Integration & Compatibility	Compatible with RFID, Biometric, Facial recognition
Indicator Lights (optional)	Red/green LED indicators for entry permission
MCBF, cycles	500,000
Finishes	Stainless Steel Hot-dip galvanized steel Powder coated steel PVC coated steel
Compliance & Certification	HCIS Compliant

COMPONENTS

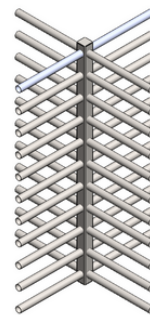
1. Rotor Assembly

Dimension : Arms : SCH 40 pipe minimum OD 38.5

Height : 2200 mm to 2400 mm (customizable)

MOC : Stainless Steel

Finish : Arms - Stainless steel (SCH 40 pipe minimum OD 38.5) & Stainless steel column

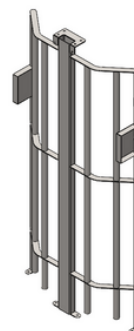


2. Side Frame with Wings

Height : 2200 mm to 2400 mm (customizable)

MOC : Carbon Steel

Finish : Stainless steel, hot-dipped galvanized steel or powder coated steel

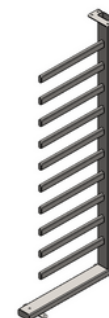


3. Side Frame with RHS

Height : 2200 mm to 2400 mm (customizable)

MOC : Carbon Steel

Finish : Stainless steel, hot-dipped galvanized steel or powder coated steel

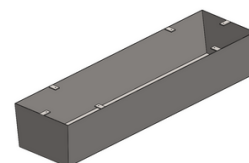


4. Top cover

Length : As per Turnstile gate width (customizable)

MOC : Carbon Steel

Finish : Stainless steel, hot-dipped galvanized steel or powder coated steel

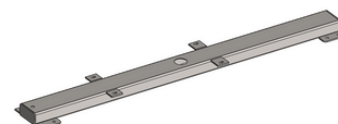


5. Top beam

Length : As per Turnstile gate width (customizable)

MOC : Carbon Steel

Finish : Stainless steel, hot-dipped galvanized steel or powder coated steel



HCIS COMPLIANCE SHEET



**A ONE FENCE ARABIA COMPANY
FOR INDUSTRY**

شركة اية ون فينس العربية للصناعة



District- Jubail, Pin Code- 35514,
PO Box no: 2874

Commercial Registration No: 2055134574

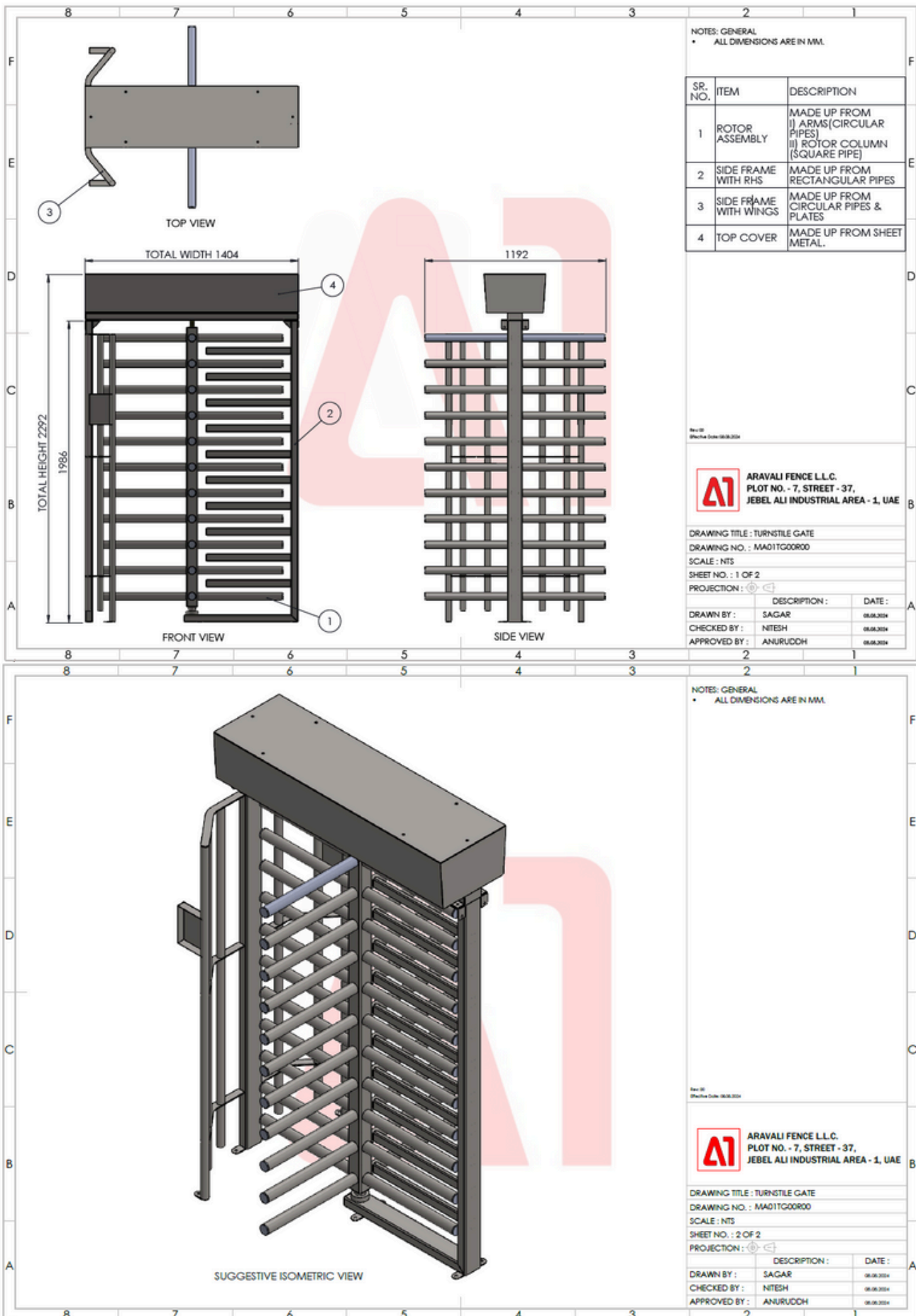
VAT Tin Number: 310983456100003

www.a-1fencearabia.com.sa/en-us

COMPLIANCE SHEET

Sr. No.	Particulars	Standard Specifications	Status	A One Fence Arabia Remarks
1	Main Body	Stainless Steel, hot-dipped galvanised steel, powder coated steel or anodized aluminium	Comply	Can be provided in Stainless steel, Hot dipped galvanised steel & powder coated.
2	Arms	Stainless steel, minimum schedule 40 pipe minimum diameter of 3.8 cm (1.5 inch) with maximum centerline spacing (20 cm (8 inch).	Comply	-
3	Configuration	Four fixed arms at 90 degrees to each other, arms shall pass between adjacent fixed arms secured to the body of the turnstile.	Comply	-
4	Bottom Assembly	The bottom of the main turnstile column shall use a dust and water proof thrust bearing.	Comply	-
5	Failure modes	Entry: Fail-Lock when power is lost Exit: Fail open when power is lost	Comply	-
6	Top assembly	Easy accessibility for maintenance personel from inside the facility	Comply	-
7	Installation	Turnstile shall be secured top and bottom to a rigid structure. All areas around the turnstiles (above, between, beside) shall be secured with anti-personnel security features to prevent personnel from bypassing the turnstiles.	Comply	Compliant to specs with the addition of wall clamps Part of the civil work to be done by main contractor
8	Manual Over ride	Turnstile shall have mechanical manual over ride key switch for each turnstile Key switch shall be switchable for entry, exit or free rotation. Positive key control shall be maintained.	Comply	Turnstile unit comes with key for manual override
9	Rotation Constraints	Only rotates in one direction if single direction model Rotates in both directions if bi-directional model	Comply	Same unit can be used for uni or bi-directional usage
10	Rotation Sensor	Normally Open or Normally closed contact that changes state when the turnstile is rotated	Comply	-
11	User Sensor	Uses pressure plate in turnstile base or optical sensor at turnstile egress OR other sensor to positively confirm that user has actually passed through the turnstile. Sensor shall provide a normally open or normally closed contact state change to annunciate event to an external system.	Comply	-
12	Auto-Lock	Turnstile shall auto-lock at 90 degree position after access is granted if the turnstile is rotated or shunt-time is exceeded. Unless turnstile is set for free rotation, it shall not allow rotation greater than 90 degrees in any legal direction	Comply	-
13	System Interface	Turnstiles under control of an access control system shall use a normally open or normally closed contact state change to unlock and lock a turnstile	Comply	-
14	Component rating	All Components shall have adequate power ratings to guarantee 24 hour/7 day a week/365 days a year operation	Comply	-
15	Power Supply	Power supplied to this device shall be backed up by an emergency generator. Each turnstile shall be powered by an individual circuit breaker	-	This is the part of client
16	Cabling	All cabling to the turnstile shall be via steel flexible conduit or steel conduits as acceptable under local electrical codes.	-	This is the part of client
17	Vehicle barriers	Vehicle barriers (such as bollards or other style vehicle barrier devices) shall be installed in front of turnstiles to prevent vehicles from entering the turnstile areas.	-	This is the part of client

TECHNICAL DRAWINGS



Offerings from our Comprehensive Perimeter Security Solutions Portfolio

Perimeter Security Solutions

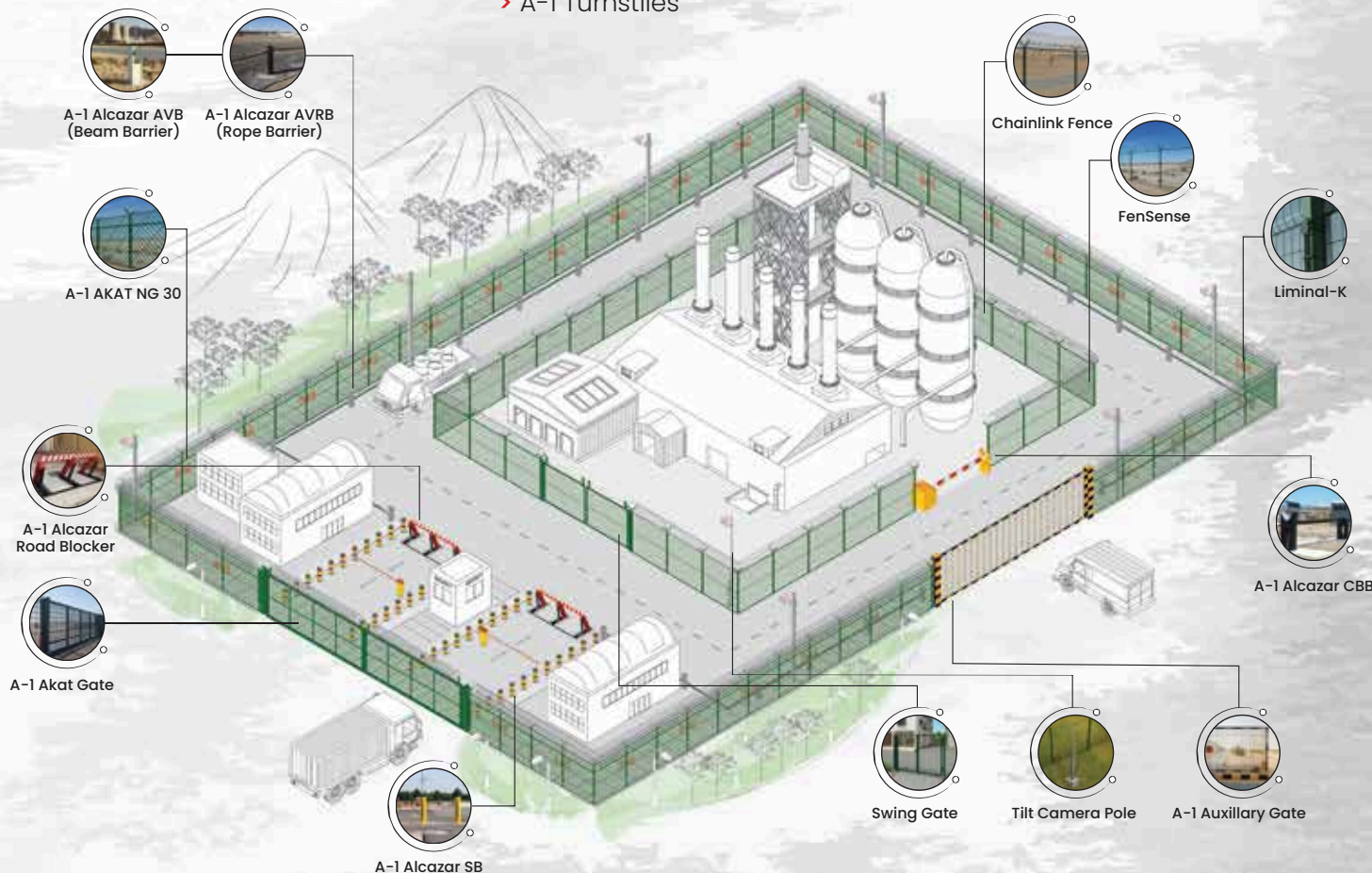
- > A-1 Akat NG 30
- > A-1 Alcazar AVB (Beam Barrier)
- > A-1 Alcazar AVRB (Rope Barrier)
- > Chainlink Fence

Entrance Control Solutions

- > A-1 Akat Gate
- > Swing Gate / Sliding Gate
- > A-1 Alcazar CBB
- > A-1 Alcazar Road Blocker
- > A-1 Alcazar SB
- > A-1 Turnstiles

Perimeter Intrusion Detection System (PIDS)

- > Liminal-K
- > Fensense
- > Tilt Camera Pole



WHY CHOOSE US?



Saudi Made
Products

+



Compliant with
International Standards

+



Comprehensive
Security Solutions

+



Installation
Support



sales@alfence.sa



www.a-1fencearabia.com.sa

ايف-ون فينس العربية

A-1 FENCE ARABIA



A-1 Fence Arabia is a leading provider of innovative perimeter security solutions with over two decades of experience in the high security domain, making it a trusted provider of HCIS certified security solutions in Saudi Arabia. With our commitment to innovation and customer satisfaction, **A-1 Fence Arabia is the best choice for your perimeter security needs.**



KINGDOM OF SAUDI ARABIA | OMAN | UAE | INDIA | USA | SOUTH AFRICA