



STEEL ACCESS DOORS



One Stop Solutions

Infrastructure for all industries

About Us

STEEL ACCESS DOORS is fully professional in providing Clean room products and services so as to be among leading global suppliers of Turnkey Clean Room solutions.

The company has extremely high quality service widely praised and a good reputation in the Pharma Industry. Turnkey products with guaranteed functionality. Highly adaptable solutions with short installation time. **(SA)** provides a clean, safe and cost efficient environment for your pharmacy operation.

Cleanrooms

A Cleanroom has a controlled level of contamination that is specified by the number of particles/m³ and by maximum particle size. To give a perspective, external environment would be considered about a 5,000,000 class Cleanroom.

Cleanrooms can be small or very large. Entire manufacturing facilities can be contained within a Cleanroom with factory floors covering thousands of square meters. They are used extensively in Semiconductor manufacturing, Biotechnology, Life sciences and other fields that are very sensitive to

STEEL ACCESS DOORS

environmental contamination. The air entering a Cleanroom from outside is filtered to exclude dust and the air inside is constantly recalculated through High Efficiency Particulate Air (HEPA) and Ultra Low Penetration Air (ULPA) filters to remove internally generated contaminants. Cleanroom HVAC systems often control the humidity to low levels, such that extra precautions are necessary to prevent electrostatic discharges. Entering a clean room usually requires wearing a Cleanroom suit.



Vision

To be integrated player in Cleanroom Solutions offering world class products and services so as to be among the leading global suppliers of turnkey cleanroom solutions.

Mission

Satisfied customers through quality products, services, safe work practices and adherence to timelines

Values

STEEL ACCESS DOORS has always been value driven. We breathe, practice and propagate the following core values.

- **Company-Employees:** Keeping them first in this order, any decision we take will be guided by this principle.
- **Safety:** We believe in safe work and keep it above anything else in executing our work.
- **Team Work:** Team **(SA)** made up of people with diverse skills and from different back grounds are guided by the vision, mission and values work in unison under the leadership of the managing director.
- **Freedom to make Decisions:** We encourage and empower decision making at various levels guided by the above values so that **(SA)** delivers to customer expectations.

Specifications

- Standard size** : 1200 X 3000mm
(Other sizes customizable on request)
- MOC** : GI Pre-Coated/GI powder-coated/
SS 304
- Thickness** : 0.6 / 0.8 / 1mm
- Skin Type** : GPSP sheet / Aluminum sheet
- Panel Thickness** : 50 / 80 / 100mm
- Fastened to extruded aluminum / GI profiles
- Fire retardant PUF as In-Fill
(Other In-Fill options available on request)
- Factory-made cutouts for integration with Pass boxes, Autoclaves etc. Factory-made cutouts for in-built power sockets and Magnehelic manometers.



STEEL ACCESS DOORS

and also enables our clients, easy access to the spares of each component. Our design engineers have also worked to ensure these equipments integrate easily with our cleanroom panels.

Accessories

The major accessories required for Cleanroom construction are

- 3D Corner Coving
- View Panels

Ceiling

A perfect ceiling makes a perfect cleanroom, (SA) Ceiling Systems are designed to fit every requirement and adhere to stringent Quality Standards that fit in seamlessly with the rest of the room paneling. The Ceiling Panels are fastened to profile that are placed on a particle-tight extruded aluminum grid matrix with silicone sealant.

Doors

STEEL ACCESS DOORS provide wide range of Clean Room compatible Doors. These are basically meant for air ingress in the room. The door has mechanically interlocked vertical edges that add strength and rigidity, which makes them appropriate for light and heavy use. A large variety of swing out pharmaceutical doors.

Cleanroom Equipments

STEEL ACCESS DOORS offers clean room equipment within the clean room for Biotech Pharmaceuticals, Microelectronics, Laboratory, Semi conductor units and Hospitals. We provide tailor made solution and design cleanroom equipments for specific use. The equipments are designed with durability, ease of use, compactness and aesthetics in focus. Our design engineers have incorporated many small features that differentiates our products. Our product standardization ensures the deliveries are faster



Ceiling Specifications

Standard size : 1200 X 3000mm
(Other sizes customizable on request)

MOC : GI Pre-Coated/
GI powder-coated/ SS 304

Thickness : 0.6 / 0.8 / 1mm

Skin Type : GPSP sheet / Aluminum sheet

Panel Thickness : 50 / 80 / 100mm

- Factory-made Cut-outs (For Filter & Light Fixtures and other Services)
- Fire retardant PUF as In-fill (Other In-Fill options available on request) Ceiling suspension.

Variety of doors

Manual, semiautomatic and fully automatic sliding doors:

- Door hardware by world market leading manufacturers
- Custom dimensions available
- Heavy-duty structure for high durability

Thick flush doors made of 0.8 mm thick PU powder coated GPSP sheet with honeycomb Kraft paper / PUF as infill, 1.2 mm thick GPSP powder coated door frames, with provisions for double glazing glass and hardwares like push plate, door closure, SS D handle, SS ball bearing butt hinges, concealed tower bolt for the double door etc.

Pass Box

(SA) makes Static and Dynamic pass boxes meeting the customer specific requirements and to the highest standards. In pharmaceuticals manufacturing facilities, it is essential to minimize man/material movement and avoid cross contamination between different classified areas.

Air Flow Unit

Horizontal Unidirectional Air Flow Units are designed for offering highest product protection by providing ISO Class 5 particle free work area for handling critical process. HLAFF offers proven protection for the samples and processes. The work area is continuously supplied with positive pressure.

Air Shower

Air Shower is designed to supply Class 100 HEPA filtered air at high velocity to remove particulate matter from the person entering into the Cleanroom.

- Two stage filtration- EU6 and EU 14
- SS 304 doors with double walled flush glass view panels & door closer
- Air cleanliness - ISO Class 5 (ISO 14644-1:1999 (E))
- Air Velocities - 6000 fpm
- Vibration Level - Minimum
- Noise Level - Less than 70 dB

HVAC Systems

General Specifications:

Type	: Double skin Construction Thermal Break	Capacity	: 1000 to 30000 cfm @150mm SP.
Cooling Block	: Dx & Chilled water	Blowers	: DIDW Backward / plug fans
Air filtration	: 10,5,1,0.3 microns	Dampers	: AL. Aerofoil / GI / SS opposite Blade
		Panels	: Sandwich, Injected PUF – PPGI /SS
		Accessories	: Vision Glass, D Handles, FR Flexible, Limit switch, Bulk head Lamp
		Optional	: Control panel with VFD, Magnehelic Gauges, PLC Controller, Velocity sensor, Damper Actuator



Air Handling Unit

AHUs are encased assembly consisting of sections containing a fan or fans and other necessary equipment to perform air supply, air exhaust, filtration, heat recovery.

An Air Handler or Air Handling Unit (often abbreviated to AHU), is a device used to condition and circulate air as part of a heating, ventilating and air-conditioning system. An air handler is usually a large insulated metal box containing a blower, heating or cooling coils, filters, sound attenuators and dampers. Air handlers usually connect to ductworks that distribute the conditioned air through the building and return it to the AHU.

Our AHUs are designed for lower foot prints, higher energy efficiency, modularity and a host of other features like thermal braking and other custom designed features.



Modular Operation Theater

We are engaged in providing Modular Operation Theatre to our esteemed customers. These products are available in different specifications as per the needs of the clients. The offered products are applicable in operation theaters, and ideal for the purpose due to their unmatched quality traits and 100% defects free structure. Our offered range is designed using premium quality base material that is procured from the certified vendor of the market and

advanced machines by keeping in mind the set industry norms. Moreover, our valuable clients can avail this range from us at market leading prices.

Features:

- Easy installation
- Longer service life
- Low maintenance

STEEL ACCESS DOORS



Continual room air cleaning

- Three stage filter system with electrostatic filter
- High energy efficiency
- Rapid, space-saving mounting
- Modular construction and a complete system solution
- Durable quality components
- Low investment, operation and maintenance costs

Laboratory Furniture





Contact us



STEEL ACCESS DOORS

**Plot No.A3/5 , IDA Gandhi Nagar,Balanagar,
Hyderabad - 500037**

**Call : 9000688843, 9000979714
9866562263**