



**ENGINEERING  
WITH VALUE**



## ● ABOUT US

### HISTORY

We embarked on our journey in the first-ever decade of the 21st century. Our path started as a small-scale engineering firm which over time converted to Innovative Inc. We have earned a good reputation in the laboratory furniture avenues in the shortest time frame. Now in 2021, our firm is renowned as a private limited company called Innovative Pharmatech Pvt. Ltd.

### MISSION

Innovative Pharmatech Pvt. Ltd. is prominent for rendering credible cleanroom equipment and modular laboratory furnishings. The firm's motive of our company is to deliver the finest and most credible products & solutions. The prominent tagline of our company says '**Engineering with value**'. Our firm procures inventive ideas and lines them into action to create authentic products.

### INFRASTRUCTURE

Innovative manufacturing component is an exclusive art setup based in Gujarat, India. We are spread in a manufacturing expanse of 28,000 square feet. Our firm is incorporated with exclusive technology. Our establishment is a hub of all updated machinery and equipment. It further bolsters our caliber of producing quality services.

Recently, we have introduced a state-of-the-art 7 tank process plant for the powder coating process. This renowned technology leads to finished and extraordinarily appealing powder coated products in the least time possible.

Our company has a proficient and expertise-rich team which adds more vitality to our services and products.

### COMPANY PROFILE

Innovative Pharmatech Pvt. Ltd. has organized itself as a leader of modular laboratory furniture producer & recently boosted up with clean room equipment. We encompass pharmaceutical & healthcare industry, food factories, educational hubs, chemical and petrochemical corporations in our service stretch. We are catering reliable services for more than fifteen years now. Our firm procures credible and standardized services.

Our service expanse primarily covers laboratory and office furniture, varied layouts of 'C' Frame design, Plinth base, and pedestal frames. We present diverse alternatives of the metallic material of construction comprising CRCA, GI and SS 304 in our product range. From low bench-type fume hood, walk-in type to SS and power coated fume hoods, Innovative covers it all for its users.

We also nurture classic cleanroom equipment. The range varies from Static and Dynamic pass box, Laminar Airflow system. The laminar airflow system has varieties covering bench type, horizontal, vertical, ceiling suspended. We also generate top-notch products like a Biosafety cabinet, Reverse Laminar Airflow, a Mobile grade A trolley.

Innovative Pharmatech Pvt. Ltd. leaves no stones unturned for procuring productive services. We have an agile team that works on all the aspects to nurture the customer's demands and requirements.

### CERTIFICATION & STANDARDS

Innovative Pharmatech Pvt. Ltd. is an ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 and SEFA-8 certified company. Continual improvement and up gradation is our nature. Though limited certification, we follow standards of ASHRAE-110 & cGMP practices.

# CLEAN ROOM EQUIPMENT

## PASS BOX (SPB / DPB)

INNOVATIVE manufactures Static and Dynamic Pass Boxes, uncompromisingly designed to suit your specific requirements.

Requirements vary from industry to industry. For example, in pharma manufacturing facilities, there must be minimum man & material movement and there is zero room for contamination between the different classified areas. To achieve the desired classification and to maintain the integrity of products and processes, we design the Pass Box to allow material transfer with little personnel movement. It also aids controlling ingress of particulate contaminants into the clean room.

Our Pass Boxes follow global and of highest design standards, giving you the option of the type of pass box depending on the containment level and transfer of material from one clean room to the other. We also supply them for flame-proof areas.



### Static Pass Box

- Double Walled Construction
- Electro-magnetic Interlocking system
- Mechanical interlocking
- Two way / Three way / 90 Degree type
- Automation as Required

### Dynamic Pass Box

- Two Stage filtration
- Statically & Dynamically balanced Motor-blower
- Electro-magnetic Interlocking
- Two way / Three way / 90 Degree type
- Automation as Required

## LAMINAR AIR FLOW UNIT

A LAF Unit offers proven protection for samples and processes. The work area is continuously supplied with positive pressure. It takes fine technique and understanding to design such units and we at INNOVATIVE have mastered the making of such equipment.

Unidirectional Air Flow Units are designed for offering the highest product protection by providing ISO Class 5 particle free work area for handling critical processes. LAF offers proven protection for the samples and processes.

The laminarity of the flow prevents cross contamination between the items handled in the workspace.

- Horizontal Laminar Air Flow Unit
- Vertical Laminar Air Flow Unit
- Bench type / Ceiling Suspended
- Automation as Required



## CLEAN ROOM EQUIPMENT

### MOBILE LAMINAR AIR FLOW UNIT / STERILE TROLLEY



Cleanroom trolley is useful for transporting sterile products under ISO Class 5 (Class 100) particle free work area, which is continuously supplied with positive pressure HEPA filtered circulated horizontal air flow.

- Two stage filtration- EU6 and EU 14
- Statically & dynamically balanced Motor-blower
- Battery back-up with inverter for 30/60 mins
- PU coated Lockable castor wheels
- SS 304 removable Shelves
- Differential Pressure Gauge
- Automation as Required

### AIR SHOWER (PERSONAL & MATERIAL)

An Air Shower is designed to supply Class 100 HEPA filtered air at high velocity to remove particulate matter from the person entering the cleanroom. You may have noticed this in non-Cleanrooms as well but their importance is much more in a cleanroom.

Air Shower is a self-contained air chamber installed at the entrance to cleanrooms in order to minimize the amount of particulate contaminants entering the cleanroom. Personnel move through the air shower while particulate contaminants are washed off with high velocity HEPA-filtered air jets. The significance of this is that the high air velocity, of about 6000 FPM, ensures efficient scrubbing necessary to remove the particulate matter.

Contaminated air is then taken in through the base unit, filtered, and re-circulated into the chamber.

- 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
- Automation as Required



### DISPENSING & SAMPLING BOOTHS (RLAF UNITS)

Dispensing & Sampling Booths provide protection from airborne contaminants generated during powder handling operations such as sampling, charging and dispensing.

Note that a Reverse Laminar Air Flow Unit provides:

- Operator Protection
- Product Protection
- Environment Protection

The downflow booth operates on a recirculatory airflow principle providing containment by air movement. Within the work area, a clean, constant, laminar downflow of Class 100 air is supplied to suppress any dust clouds generated during open powder processing, removing and capturing airborne particles from the operator's breathing zone. The prefilters at the base of the rear wall capture the airborne contaminants. The intake velocity at prefilters increases to ensure scavenging effect. A small percentage of air is discharged from the booth through the bleed exhaust HEPA filter to maintain the working space under negative pressure. RLAF is available in SS304/SS316.

- Three stage filtration- EU4, EU4 & Eu14
- Differentially pressure gauges
- Statically & Dynamically balanced Motor
- DOP Test Port
- Double skin puff filled side panels
- Automation as Required
- Horizontal internal covings at base



### BIO-SAFETY CABINETS

Class II cabinets are designed for work or activities involving microorganisms assigned to bio safety levels 1, 2 and 3.

Bio-safety gives Clean room personnel the required environmental and product protection. Air flow is drawn around the operator into the front grille of the cabinet. Additionally, the downward laminar flow of HEPA-filtered air provides product protection by minimizing the chance of cross-contamination along the work surface of the cabinet.

The fact that Class II cabinets provide the microbe-free work environment necessary for cell culture propagation, they may be used for the formulation of non-volatile antineoplastic or chemotherapeutic drugs. Bio safety cabinets are available in powder-coated Galvanized Steel, SS 304/SS 316 or a combination of both.

- Two stage filtration: EU 6 and EU 14
- Double-walled flushed Glass Side Panels
- Sealed Fluorescent Lights with Milky White Diffuser
- Clean Down Timer with Operation HOLD indicator
- 1-piece fully openable sliding toughened glass front door with counterweight arrangement
- Alarm triggers in case front door is raised more than 8 inches / 200 mm
- Automation as Required



# CLEAN ROOM FURNITURE

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## CLEAN ROOM FURNITURE

(PHARMACEUTICAL LABORATORY FURNITURE, STAINLESS STEEL FURNITURE)

### PRODUCT DETAIL

- SS Office Table
- SS Computer Table
- SS Working Table
- SS Chair
- SS Stools
- SS Drum Trolley
- SS Transfer Trolley
- SS Platform Trolley
- SS IPC
- SS Pilot Table
- SS Mop Trolley
- SS Apron Cabinets
- SS Cross Over Bench
- SS Dustbin
- SS Wash Basin
- SS Shoe Rack
- SS Rack
- SS Powder Container
- SS Pallets
- SS Staff Locker
- SS Scoop
- SS Flap Bin

# FUME HOOD



## INTRODUCTION

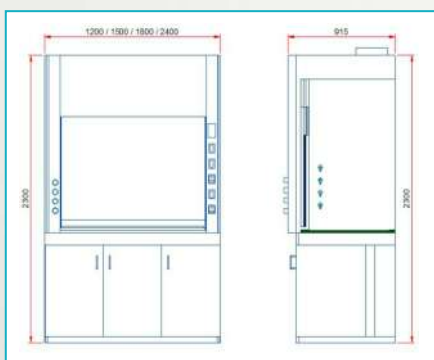
Laboratory fume hoods are a type of ventilation system with the primary function is to exhaust chemical fumes, vapors, gasses, dust, mist and aerosol. Fume hoods also serve as physical barriers between reactions and the laboratory, offering a measure of protection against inhalation exposure, chemical spills, run-away reactions and fires.

A typical fume hood has a box like structure with a moveable sash window. Experimental procedures are performed within the hood which is consistently and safely ventilated, usually by means of an extract blower and ductwork. Chemical fumes exhausted and diluted many times over in the atmosphere and has a negligible effect to human health. When environment concerns are of importance, an extract treatment system, often referred to as a scrubber is installed to remove most of the vapors from the exhaust air stream.

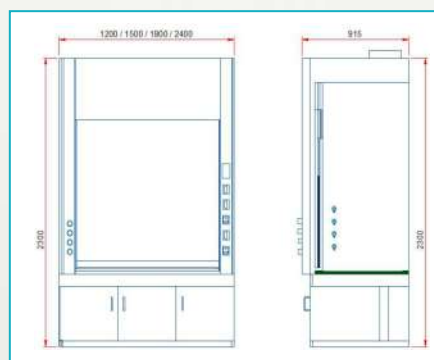
The hood functions by maintaining a relatively negative pressure in the interior of the hood to prevent any contaminant from escaping while drawing air in through the hood opening at a consistent rate. A suitable hood face velocity (the speed at which air is drawn into the hood) is of importance to the safe and effective operation of a fume hood. While excessive face velocities can often result in turbulence and reduce containment, insufficient velocities can also compromise hood performance.

In general, a hood's face velocity is recommended to be between 0.3 m/s (60 fpm) and 0.5 m/s (120 fpm), however it is important to check with local safety regulations on the face velocity recommendation before using the fume hoods.

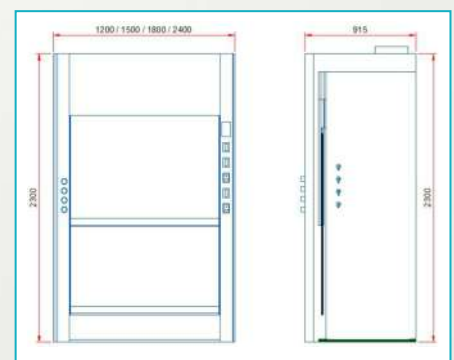
## TYPE OF FUME HOOD



**BENCH TOP FUME HOOD**



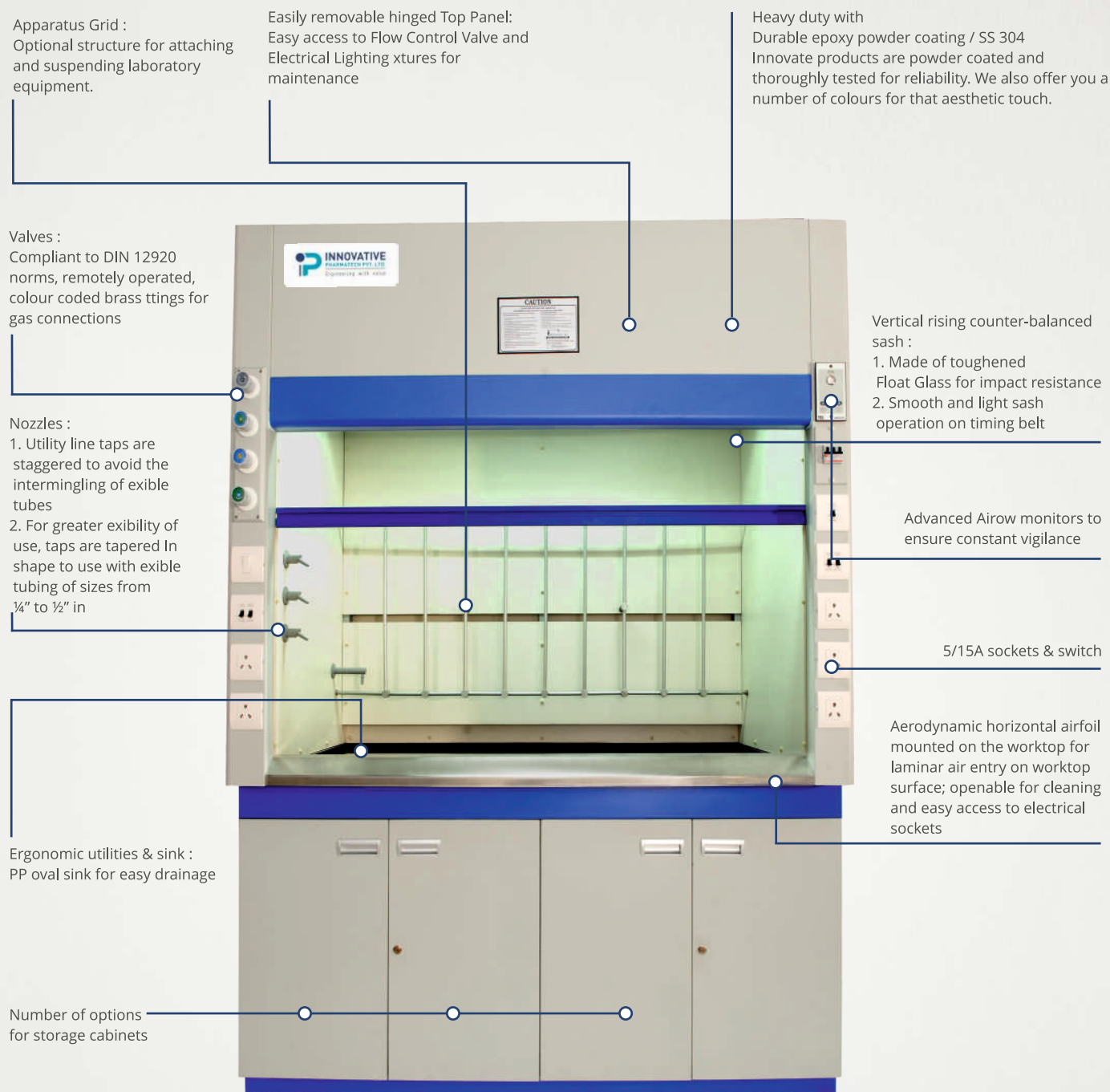
**LOW BENCH FUME HOOD**



**WALK-IN FUME HOOD**

# FUME HOOD

Innovative has international range of fume hoods integrating the latest in fume hood technology and feature next generation aesthetics.



## OPTIONS & ACCESESORIES

Liner		Electrical Sockets	
Laminate	For general chemistry applications.	5/15A sockets & switch	Used for majority instruments.
Polypropylene	For high acid digestion processes.	20A industrial sockets & MCB	For heavy duty equipments.
PVC	For perchloric acid usage	16A plastic BCH & MCB	For heavy duty equipments.
SS 304	For radioisotope or medical applications.	20A metal BCH & MCB	For heavy duty equipments.
SS 316L	For food grade or medical applications.	Flameproof sockets with rotary switches	For flameproof area.

## ISLAND BENCH / INSTRUMENT & WORKING BENCH

Innovative Island benches are manufactured with M. S. Frames, SS 304, G. I Sheets & Aluminum Sections duly powder coated. The table top is made of Granite/ epoxy resin or phenolic resin which resists heat, water, most chemicals and corrosion. Partitions of the shelf make the equipment and tools easy to display. Meanwhile, the laboratory table leads the convenience for people both side to get things on the shelf. The modules are so designed that they can be fitted either to the pedestal system or the flexible system with considerable ease. Drawers & Shutters are with S.S. or Brass, Aluminum (Pull type/Flush type) handle.



## LAB FURNITURE

### ANTI VIBRATION TABLE

The anti-vibration table is designed for use in the laboratory or metrology room to provide suitable working conditions for devices that are sensitive to vibrations and shocks. The table comprises two separate parts – An internal working surface consisting of a large granite slab mounted on rubber shock absorbing mounts. An external service table with steel frame and adjustable leveling feet.

**Application:** For highly sensitive instruments like Electronic Balance.



### CHEMICAL STORAGE CABINET

The storage cabinet is ideal to store Toxic laboratory solvents & chemicals inside the laboratories, P. P. trays are provided for long life of shelves, ,Doors are provided with 5mm toughened/ Safety glass , In some of the critical chemical application, Exhaust port on top along with blower is been provided & their size can be altered as per Requirement.



### LAB ACCESSORIES



Laboratory Water Faucets



laboratory Mixes



Fume Hood Remote Control Valve



Emergency Safety Shower



Laboratory Sinks



Pegboards



Spot Extractor System

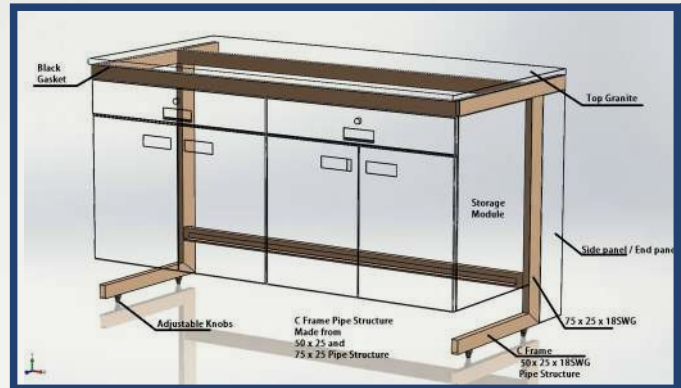


Lab Stool / Chair

## LAB FURNITURE OF FRAME DESIGNS

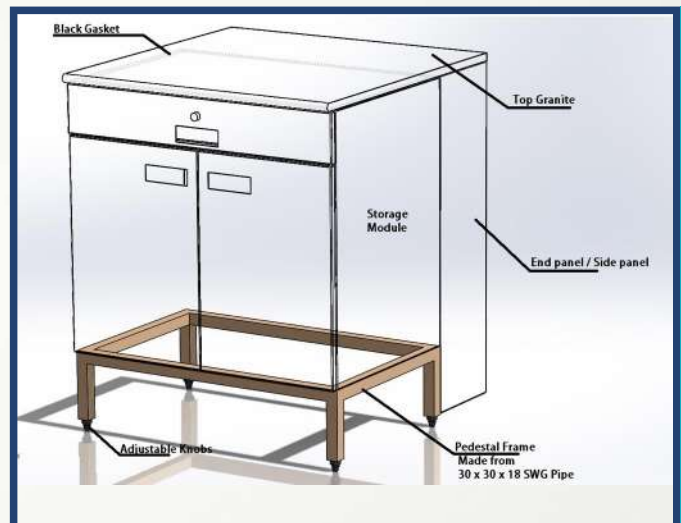
### 'C' FRAME DESIGN

C-frame Lab Furniture System are the modern lab furniture architecture. Based on a cantilevered design, C-frame systems do not need legs for support. Innovative inc from offers you a wide range of C-Frame systems for every need. innovative inc C-Frame systems are highly flexible and adaptable to changing demands of the lab. They are relatively easy to shift and allow for easy portability of the under bench cabinets. Innovative inc also offers you a high load bearing capacity. Additionally, they also offer you easy access to the rear ducts, so that utility line maintenance is simple and stress free. The Innovative inc range has C-frame systems for both standing (900 mm) and sitting height (750 mm).



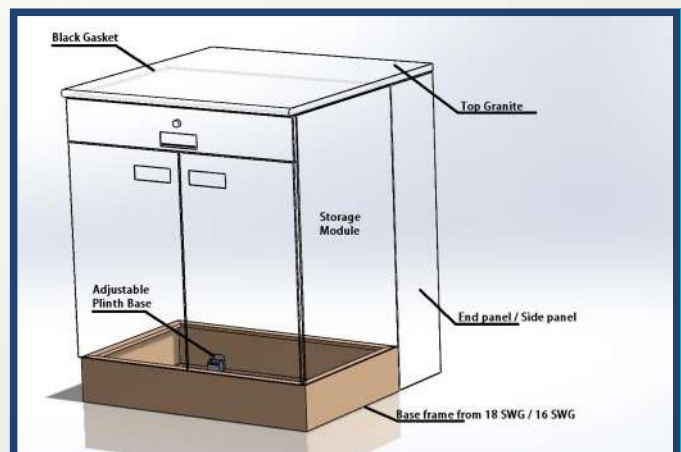
### PEDESTAL FRAME DESIGN

Pedestal Type systems are the classic lab furniture architecture. A Pedestal system uses under bench modules which are supported by metal legs. Innovative inc is furniture for both standing height (900 mm) and sitting height (750 mm) systems. Innovative inc offers you modularity and aesthetics and is the value for money route to creating the lab of the future.



### PLINTH MOUNT DESIGN WORK STATION

These laboratory workstations are available in 2 heights of 900mm (Standing) and 750mm (Sitting) in metallic construction designed to have completely flexible modular system. Each module will have independent base frame/skirting. Necessary leg spaces and keyboard trays shall be provided as per requirement and rear portion of the leg spaces will be covered with easily removable type enclosure panel for easy access for maintenance.



# LAB FURNITURE

## WALL STORAGE

### TECHNICAL SPECIFICATION

- For storing devices and chemicals in accordance with DIN EN 14727
- Not suitable to store the flammable liquids, gas cylinders and self-igniting or self-decomposing substances.
- Not permitted for storing acids and alkalis

### SPECIALIZED ACCESSORIES HANDLE

The Aluminum flush type handles without joints are resistant to chemicals and easy to clean. Our suspended cabinets are fastened to the service spine or wall without a visible gap.

### SURFACES ARE WELL PROTECTED

We do provide the Epoxy duly powder coated sheet with minimum coating layer of 80 Microns.

### MATERIAL OF CONSTRUCTION

- Wall Storage Panel: Min. 20 SWG Sheet.
- Wall Storage Door/ Shutter Panel: Min. 22 SWG Sheet.
- Adjustable Shelves: Min 20 SWG Sheet.

### HINGES, LOCK

We do provide "Hattich / Hafele" German make Hinges, Lock & Sliders, to get the long life service.



## OFFICE STEEL FURNITURE



### PRODUCT DETAIL

- Vertical filing cabinets
- Personal metal lockers
- Steel office filing cupboard
- Mobile compactor
- Drawer lateral file cabinet

### OUR SECTORS

- Corporate
- Government
- Education and Training
- Healthcare
- Food & Beverage
- Chemical
- Engineering Industries

## SCOPE OF OUR TURNKEY SERVICES

With help of our Associate we also Undertake turnkey Project which include

- ELECTRICAL
- HVAC
- FIRE ALARM SYSTEMS
- GAS DISTRIBUTION SYSTEMS
- EXHAUST SYSTEMS



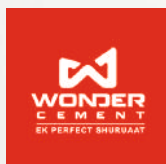
## PILLARS OF OUR SUCCESS



## OUR PARTNERS



## OUR PARTNERS



# GLOBAL PRESENCE



**INNOVATIVE**  
PHARMATECH PVT. LTD.

Engineering with value

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