



Innovave

Information to Implementation



Do You Know Why Industries Are Using High-Performing Cleanrooms ?



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WHAT IS CLEANROOM ?

A cleanroom is a controlled environment where the concentration of airborne particles, such as dust, microbes, aerosol particles, and chemical vapors, is minimized and regulated to specific limits.

These environments are crucial in industries where even tiny particles can adversely affect processes or products.

WHY CLEANROOMS ?

- Contamination Control
- Environmental Control
- Quality Assurance
- Sterility Maintenance
- Process Integrity
- Worker Safety
- Research Integrity
- Compliance
- Customer Confidence
- Cost Efficiency





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WHERE CLEANROOMS ARE APPLICABLE ?



**Hospitals, Healthcare
Pharmaceuticals & Labs**



Beverage Manufacturing



Aerospace, Defense & Military



Research & Development



Chemical Industries



Opticals & Lens



Cosmetics



Clean Energy



Automobiles



Microelectronics



Biotechnology



Food Manufacturing





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OUR SOLUTIONS



Cleanroom Design & Construction:

Customized cleanroom design based on your specific requirements. Expert construction services ensuring adherence to industry ISO standards.



Cleanroom Validation and Certification:

Rigorous validation protocols to confirm compliance with regulatory requirements. Certification services ensuring your cleanroom meets necessary standards.



Cleanroom Maintenance & Upgrades:

Ongoing maintenance programs to preserve optimal performance. Upgrades and modifications to enhance efficiency and accommodate evolving needs





DESIGNS

1. Facility Design (GMP & GLP)
2. Interior Design
3. HVAC & MEP Design
4. Project management consultancy
5. Sustainability consultancy
6. Building Information Modelling consultancy

PROJECTS

1. Cleanrooms Laboratories
2. Manufacturing Facilities
3. Critical Environments
4. Storage Facilities
5. Healthcare Facilities

SERVICES (O&M)

1. Facility assessment
2. Facility retrofit works (Design & Built)
3. Facility performance validation
4. Facility Operation & Maintenance
5. Facility Equipment Validation & Maintenance
6. Facility Instrument Calibration & Maintenance

VALIDATIONS

1. Performance Surveys & Assessments
2. Performance Analysis Reports
3. Capital & Life cycle costing assessments
4. Performance improvement solutions
5. Project implementations
6. Performance verification

PRODUCTS

1. Pre Engineered Modular Facilities
2. Cleanroom Flooring, Walls,
3. Cleanroom Ceilings & Covings
4. Cleanroom Equipment & Furniture
5. Laboratory Equipment & Furniture
6. Steel Doors, Shutters & Windows
7. Cleanroom Airconditioning systems
8. Ventilation system (Odour, Fume & Dust)
9. Air filtration systems
10. Industrial Automation Systems
11. Material Storage & Handling systems
12. Fire safety & Security systems



PRE ENGINEERED BUILDINGS

Modular Operation Theatres

Engineered for performance,
built for the future.

Customize your operational theatres
spaces with our modular designs



Porta Cabin

Comfortable, versatile spaces that
empower your workforce
to thrive anywhere

Inverter Room

Intelligent power management that
optimizes efficiency and reliability.

Protect your critical electrical equipment
in a secure & climate-controlled environment.



PRE ENGINEERED BUILDINGS

Site Office

A professional and functional workspace for your on-site team.



Telecom Shelter

Safeguard your communication infrastructure with our reliable shelters

RO Water Plant

Delivering pure, refreshing water on demand for uninterrupted operations.



FLOORING

Transform any space with our premium flooring solutions.

Vinyl Flooring

The ultimate in style and functionality. Enjoy the look of premium hardwood without the maintenance hassle



EPOXY FLOORING

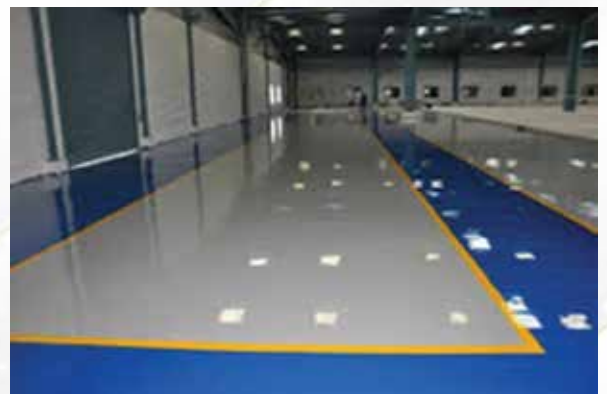
Unparalleled durability that stands the test of time.

Transform any space with a showroom-quality, high-gloss finish.

PU FLOORING

Seamless, waterproof protection for high-traffic areas.

Effortlessly elevate your space with a smooth, modern aesthetic.



PANELS & ACCESSORIES FOR WALLS & CEILINGS

Meticulously crafted solutions transform any space into a masterpiece of architectural brilliance.



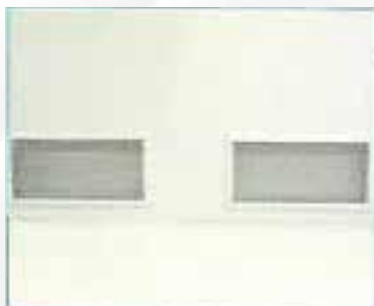
COVING



3D CORNER COVING



VIEW PANELS



INBUILT RAISERS



CELLING CUTOUTS



WALL CUTOUTS

CLEANROOM EQUIPMENT

The Gateway to Cleanroom Sanctity

PASS BOX

Designed to prevent cross-contamination between environments, our pass boxes facilitate the transfer of materials while maintaining air purity.



AIR SHOWER

Effectively remove particulates from personnel and equipment entering the cleanroom with our state-of-the-art air shower systems.

SAMPLING / DISPENSING BOOTH

Conduct precise sampling and dispensing operations within a controlled, contamination-free environment.



CLEANROOM EQUIPMENT



LAMINAR AIRFLOW BENCH

Provide a critical work area with consistent, unidirectional airflow to protect products and processes.

BIO SAFETY CABINET

Protect users, products & the environment from exposure to biological hazards with our high-performance biosafety cabinets.



FUMEHOOD

Safeguard personnel from hazardous vapors and fumes while maintaining air quality within the cleanroom.

DOORS & HARDWARES

FIRE DOOR

Engineered to safeguard lives.
Step into a world of unparalleled security.



CLEANROOM DOOR

Experience the pinnacle of pristine
perfection.

This door upholds the most stringent
standards, ensuring a spotless
environment beyond your wildest dreams.

GENERAL DOOR

The ultimate gateway to your world.

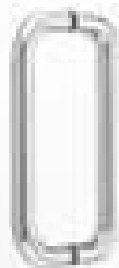
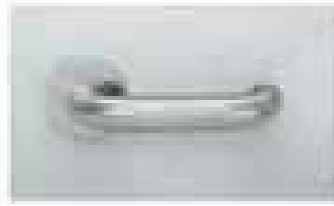
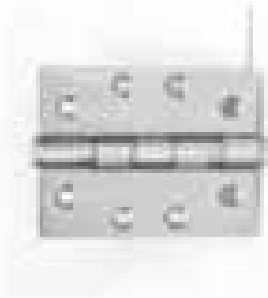
Crafted with meticulous attention to detail,
this door elevates the ordinary into the
extraordinary.



DOORS HARDWARE

Elevate your entryways with our premium doors hardware collection.

Crafted with unparalleled artistry and precision,
each piece is a masterful blend of form and function



SHUTTERS

ROLLING SHUTTER

Prepare to be awed by the lightning-fast **ROLLING SHUTTER** that redefines speed and efficiency



HIGH SPEED SHUTTER

Brace yourself for the **HIGH SPEED SHUTTER** that operates at astounding velocities, leaving you in a state of pure wonder



SECTIONAL DOORS

Behold the seamless elegance of the **SECTIONAL DOORS**, a true testament to innovative design.



AIR FILTRATION SYSTEMS



PRE FILTERS

The first line of defense, capturing large particles and extending the life of your other filters.

FINE FILTERS

Trapping smaller particles like dust and pollen, ensuring cleaner air circulation.



HEPA FILTERS

Removing 99.97% of airborne particles as small as 0.3 microns, providing superior air purification.



AIR FILTRATION SYSTEMS

FAN FILTER UNITS

Combining fans and filters to actively clean the air in your space.



FUME SCRUBBER

Effectively removing hazardous fumes and gases, vital for industrial settings.

DUST COLLECTOR

Capturing fine dust particles, preventing buildup and maintaining a clean environment.



INDUSTRIAL AUTOMATION SYSTEMS

DOOR INTERLOCKING SYSTEM

This sophisticated system integrates seamlessly with your existing infrastructure, allowing for precise management of door operations.

Through advanced sensor technology and intelligent software, the system monitors the status of each door.



PASSBOX INTERLOCKING SYSTEM

This cutting-edge system utilizes a network of secure, weather-resistant boxes that seamlessly integrate with your home or business.



AIR SHOWER CONTROL SYSTEM

Effortlessly manage airflow and particle removal, guaranteeing pristine conditions for personnel before entering your cleanroom



INDUSTRIAL AUTOMATION SYSTEMS

LAF CONTROL SYSTEM

Laminar Air Flow (LAF) Control System is used to maintain clean air conditions by controlling the flow of air in a specific environment, often in industries like pharmaceuticals, biotechnology, healthcare, and electronics, where contamination control is critical.



INDICATORS

Indicators are essential for monitoring the performance, efficiency, safety, and overall health of automated processes.

These indicators help operators, engineers, and managers make informed decisions to optimize operations and ensure smooth functioning.



TRANSMITTERS

Transmitters are devices used to convert physical measurements (e.g., pressure, temperature, flow) into electrical signals that can be transmitted to control systems or monitoring equipment.

Common types include pressure transmitters, temperature transmitters, and flow transmitters.



Our Approach



1. Information



2. Creativity



3. Evaluation



4. Planning



5. Reporting



6. Implementation





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Are You Ready To Revolutionize Your Cleanrooms ?


Contact us today for expert advice & Free Design Consultation !

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