



Purifying Spaces, Balancing Energies

- TURNKEY SOLUTIONS
- MODULAR WINDOWS
- HVAC FOR COMFORT
- MODULAR OT
- ELECTRICAL PANELS
- WHO/CGMP/FDA
- MODULAR WALL PANELS
- FIRE RATED DOORS
- AIR COOLING SOLUTIONS
- DOCUMENTATION
- CLEAN ROOM DOORS
- HVAC FOR PHARMA
- BMS/EMS AUTOMATION
- PIPING SYSTEMS
- EPOXY FLOORING



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ALIYAN –MK Clean Tech Solutions is a premier provider of end-to-end cleanroom turnkey solutions, specializing in the design, construction, and maintenance of advanced controlled environments. We serve industries that demand the highest standards of cleanliness, precision, and safety, including pharmaceuticals, biotechnology, electronics, aerospace, and more.

With a team of experienced engineers, designers, and project managers, we are dedicated to delivering innovative, sustainable, and customized cleanroom solutions that meet stringent regulatory requirements and enhance operational performance.

We offer a seamless process from initial consultation and design through to construction, installation, and ongoing maintenance—ensuring every project is executed with the utmost quality and efficiency.

Through cutting-edge technology, deep industry expertise, and a customer-centric approach, we empower businesses to meet the demands of today's fast-paced, high-precision industries.

Our Vision >>>

To be the global leader in delivering innovative, efficient, and sustainable cleanroom turnkey solutions—empowering industries to achieve the highest standards of safety, precision, and quality in their operations, while driving technological advancement and environmental responsibility.

To provide world-class, innovative management solutions at an affordable cost, delivering the highest quality services for turnkey projects. We achieve this through our team of highly qualified and experienced staff, supported by a strong network of trusted associates.

<<< Our Mission

Feeding Sectors

Healthcare & Life Science



- Hospitals & Clinics
- Pharmaceutical Manufacturing
- Biotechnology Laboratories
- Diagnostic Laboratories
- Medical Device Manufacturing
- Cleanrooms for Surgery & ICUs
- Healthcare & Life Sciences

Industrial & Manufacturing



- Electronics & Semiconductor Manufacturing
- Aerospace Manufacturing
- Precision Engineering (e.g., optics, robotics)
- Automotive Industry (e.g., battery rooms, paint shops)

Food & Beverage



- Food Processing Plants
- Beverage & Bottling Plants
- Dairy Processing Units
- Cold Storage & Warehousing
- Meat & Seafood Packaging

Chemical & Research



- Chemical Plants
- Research & Development Laboratories
- Petrochemical Facilities
- Nuclear & Radiation-Controlled Areas

Commercial & Corporate



- Office Buildings
- Shopping Malls
- Data Centers
- Hotels & Hospitality
- Airports & Transportation Hubs

Education & Research



- University Research Labs
- Clean Tech Labs
- Government Testing Facilities

IT & Electronics



- Server Rooms
- Data Centers
- Precision Equipment Labs

Logistics & Warehousing



- Cold Chain Logistics
- Perishable Goods Warehouses
- Vaccine & Biomedical Storage

CLEANROOM PARTITIONING SYSTEM (CRP)



Modular clean room panels are the primary building blocks of modular clean rooms. These panels form the walls and ceilings, providing a clean, smooth, and easily cleanable surface that supports contamination control and environmental regulation.



Modular Ceiling Panels

Designed for load-bearing, walkable applications with a flush-finish integration.

- ▶ **Modular Clean Room Panels**
GMP-compliant wall panels for seamless, contamination-controlled environments.



Modular Flush Windows

Double-glazed, cleanroom-grade glass with a flush frame design.

- ▶ **Modular Flush Doors**
Air-tight, easy-to-clean doors available with stainless steel or powder-coated finishes.



SS Pass Boxes

Essential in cleanroom environments for transferring materials between areas of differing cleanliness levels while minimizing contamination risks.

- ▶ **Fire Rated Doors**
Certified doors that ensure fire safety without compromising hygiene standards.



HVAC & AIR MANAGEMENT SYSTEMS

In a modular clean room, the HVAC (Heating, Ventilation, and Air Conditioning) system is absolutely critical to maintain the controlled environment, particularly for temperature, humidity, airflow, and particle control.



Exhaust Units

Ensures the safe extraction of air and airborne contaminants.



Wet & Dry Scrubber Units

Tailored for HEPA filtration, as well as temperature, humidity and pressure control.



Forced Door Ventilation Units (FDVs)

Maintains air pressure differentials across cleanroom airlocks.

Air Handling Units (AHUs)

Tailored for HEPA filtration, as well as temperature, humidity and pressure control.



Air Washer Units

For efficient filtration and humidification in critical areas.



Fan Coil Units (FCUs)

Decentralized temperature regulation systems for flexible zoning in cleanrooms.





▲ Duct System

SS or GI ducting for efficient, laminar air distribution.



▲ Piping & Manifold Systems

Utility and process piping in SS, PPR, and UPVC with precision-engineered manifolds.



▲ DX ODU System

DX systems are commonly used in small to mid-sized buildings, including split units, VRF/VRV systems, and rooftop units.

Chillers & Cooling Towers ▼

Energy-efficient solutions for both centralized and decentralized cooling systems.



OT LAF ▼

Provides ultra-clean, particle-free air to maintain sterile conditions in operating theatres through the use of HEPA filters and uniform airflow.

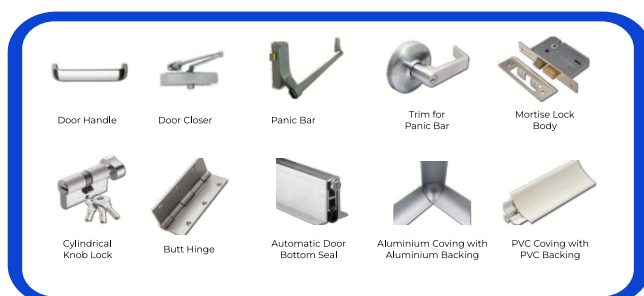


Copper & SS Coils ▼

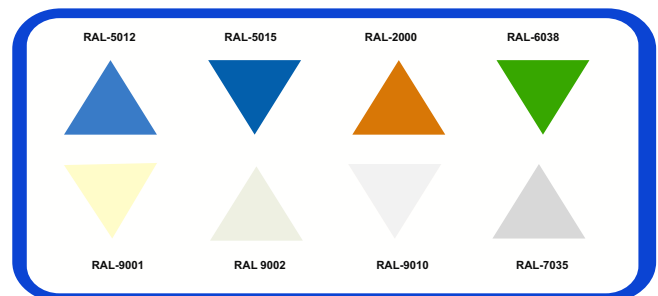
Durable coils made from copper or stainless steel tubes, designed for efficient heat exchange, primarily used in AHUs.



▼ Hardware Details



RAL Shades (Color) ▼





◀ Sterile Garment Storage Cabinet (SS 316/304 Grade)

SS 304/316 cleanroom cross over bench provides a hygienic, crevice-free platform to separate sterile and non-sterile zones, ensuring easy cleaning and GMP compliance..

► Cross Over Bench (SS 304 / SS 316)

SS 304/316 cleanroom cross over bench provides a hygienic, crevice-free platform to separate sterile and non-sterile zones, ensuring easy cleaning, GMP compliance, and available in floor or wall-mounted models.



◀ SS Kitchen Hood (Stainless Steel Exhaust Hood)

Durable SS 304/316 kitchen exhaust hood efficiently removes heat, smoke, grease, and odors, featuring baffle filters and lighting for a clean, safe, and hygienic commercial kitchen environment.

CONTROLS, COMPLIANCE & SUPPORT

► Validation Services

We offer comprehensive IQ, OQ, and PQ services in alignment with regulatory standards.



◀ BMS/EMS Systems

Integration of Building Management and Environmental Monitoring systems for 24/7 oversight and control.

► Documentation Services

GMP documentation support, including DQ, FAT, SAT, SOPs, and as-built drawings.



◀ Electrical Panels

Power distribution and control panels for cleanroom and utility equipment.

Brands We Work With



SHAGUN MEDI TESTING PVT. LTD.
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MAHIMA LIFE SCIENCES PVT. LTD.
Manufacturers of API's and Corticosteroids

Our Core Commitment



Quality & Excellence



Timely Project Delivery



Client Satisfaction



Integrity & Transparency



Innovation in Execution



Sustainable Practices



Health, Safety & Environment (HSE)



Skilled Workforce



Continuous Improvement

Certified



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Meeting Standards. Exceeding Expectations.



Your Note
