



ALCON CLEANROOM

*"Excellence and
Innovation built into
every design"*



About us

Alcon Cleanroom is young vibrant Cleanroom solution Provider Company engaged in Engineering, Consulting and Execution majorly for Pharmaceuticals, Healthcare, FMCG, Biotechnology, Chemicals, R&D Centre and Automobile which today have an increasing demand for Turnkey Cleanroom Solution across the world.



What We Do

We provide Turnkey Cleanroom Solutions in terms of Design, Manufacture, Supply, Install, Commission and Validation of all the classes of Cleanroom. We are a single window solution provider for Cleanroom comprising of Cleanroom Partitions, Doors, Cleanroom Equipment, Lab Furniture, HVAC, Electrical, Lighting, Building Automation System, Plumbing, Fire Alarm & Suppression etc. along with the validation of facilities as per the required standards.



Industries We Serve



Pharmaceuticals



Healthcare



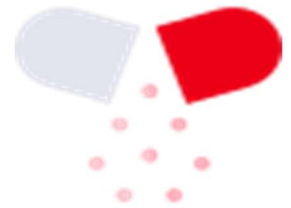
FMCG



Chemical



Biotech



API (Active Pharma Ingredients)



Laboratories



Medical Devices



Electronics

"Excellence and Innovation built into every design"

INDEX

Sr. No.	PRODUCT NAME
1	Chemistry Lab
2	Physics / Instrumentation / Electronics Lab
3	Biology / Botany / Zoology Labs
4	Microbiology / Bio Technology & Bio Chemistry Labs
5	Industrial / Testing / Quality Control / R & D Labs
6	Wall Side Table
7	Storage Cabinet
8	Anti-Vibration Table
9	Sink Unit
10	Tissue Culture Rack
11	Lab Stool
12	Fume Hood
13	Laminar Air Flow (Horizontal & Vertical)
14	Bio Safety Cabinets
15	Safety Cabinet

Lab Equipments

Chemistry Lab

Chemistry Lab in Colleges, Institution, and R & D Labs consist of a Central Island Table with Reagent racks and Built-in Sink. The Island table is surrounded or partly surrounded by Wall Side Work Tables / 'L' Shape Tables / 'U' Shape tables and Corner Tables.

A Chemistry Lab can have the following arrangements:

- Wall Cupboards at various points to store materials over head on the walls.
- Vertical Chemical Storage Cabinet to store Chemicals / Bottles safely with lock.
- Fume Hood to perform Heating Reactions to remove the toxic / corrosive fumes away from the work area.
- Anti-Vibration Table for sensitive Balance / Microscopes.
- Revolving Lab Stools.
- Canopy Hoods for AAS / IPC etc.



Physics / Instrumentation / Electronics Lab

Instrument & Electronic Labs are provided with special Work tables with Power Module attachments for use of Instruments to perform Experiments or Testing Procedures. Elegant Computer tables with Power Point Module provision, CPU Support shelf, Key Board with Granite Work Top and color matching base cabinet to project a Classic look for the Lab.

The Instrument Work Table can be provided with below options:

- Power Module at the back side for the full length of the Table.
- Individual Power Module having 2 nos. of 5/15 amps power point with switches.
- Power Point fitted below the Work Top in lieu of the drawers.



Biology / Botany / Zoology Labs

The Botany & Zoology Labs will have mostly Centre Work Tables with Specimen Storage and display.

This Lab can have the following arrangements:

- Specimen Display Cabinets.
- Wall Cupboards at various points to store materials over head on the walls.
- Floor Cupboards to store samples safely with lock.
- Revolving Lab Stools.



Microbiology / Bio Technology & Bio Chemistry Labs

These Labs consists a central island table with reagent rack and built in sink. Also provided with wall cupboards, vertical chemical storage cabinets, laminar airflow, biosafety cabinets, fume hood and anti-vibration table.

A Micro / Bio Lab can have the following arrangements:

- Wall Cupboards at various points to store materials over head on the walls.
- Vertical Chemical Storage Cabinet to store Chemicals / Bottles safely with lock.
- Laminar Air Flow Cabinet / Bio Safety Cabinets.
- Anti-Vibration Table for sensitive Balance / Microscopes.
- Revolving Lab Stools.
- Canopy Hoods.
- Air Curtain for Clean area.



Industrial / Testing / Quality Control / R & D Labs

Industrial labs consists wall side work tables with L shape or U shape corner tables. Also provided wall cupboards, fume hood, anti-vibration table and central island table with reagent racks.

All types of Industries needs to have a Testing Lab, let it be in Food & Beverage, Cement, Paper, Fertilizer, Distilleries & Breweries, Petro Chemicals, Refineries, Sugar, Automobile, Steel, Foundry, RO Plants, Mineral Water Plants, Effluent Treatment Plants, and Tanneries etc.

Depending on the types and nature of the Testing Equipment / Quality Control Equipment and the Size of the Laboratory, the required furniture and accessories can be fitted. GGS gives support in designing the Labs to suit the user's need. Adding Value and Aesthetic looks, a utility Lab can be created.



Wall Side Table

The design of the Work Tables are made to fit in any kind of and any shape of Laboratory to give maximum flexibility and utility.

The Tables are made of High Grade Electro Galvanized Steel of 20 SWG finished with Epoxy Polyester Powder Coating finish with high quality Granite work Tops.

OPTION: Imported Epoxy Work Tops.

Work / Wall Table width are normally 750mm or 900mm with height of 750mm or 900mm. Options of with Knee Hole and foot rest or Continuous Modules are available.



STORAGE CUPBOARDS / CABINETS

The design of the Work Tables are made to fit in any kind of and any shape of Laboratory to give maximum flexibility and utility.

The Tables are made of High Grade Electro Galvanized Steel of 20 SWG finished with Epoxy Polyester Powder Coating finish with high quality Granite work Tops.

OPTION: Imported Epoxy Work Tops.

Work / Wall Table width are normally 750mm or 900mm with height of 750mm or 900mm. Options of with Knee Hole and foot rest or Continuous Modules are available.



Anti-Vibration Table

In most industrial laboratories, the production / process vibration is generated to the Lab area which makes it difficult to have stable reading from sensitive Instruments. To overcome these problems an Anti-Vibration Table can be used. The generated vibration is dampened by the anti-vibration mounts provided in the AVT's/VIT's. NICE has developed a special heavy duty type AVT / VIT which handle most kind of moderate vibrations with variation in the type of Mounts to suit different applications.



Sink Unit

A Standalone sink Unit gives additional advantage in a Lab. This kind of Sink Unit can be positioned anywhere in the lab as required and is easy to shift to another location at later stage without disturbing the existing Work table arrangements.



Tissue Culture Rack

Tissue Culture Racks are used in R&D and developing of New and Hybrid variety of Saplings / Plants by Tissue Culture method under In-Door artificial Illumination and Humidity controlled environment.

The structure is made of M.S. Tube with Epoxy powder coating or Stainless Steel Tube and the Racks made of 20 SWG. M.S. Sheet with epoxy powder coating or Stainless Steel 304 Sheet.

Each Rack is fitted with 2/3/4 Nos. of Fluorescent tube with electronic choke and Individual control switch in control panel located at the right side of the Rack with the following:

- Main Switch - 1 no.
- Load / Main Lamps
- On/Off switches for each Fluorescent Tube
- 999 hours Programmable Timer
- Electronic Choke for each light fitting.



Lab Stool

Laboratory stools must provide ergonomic support, seamless mobility, and chemical-resistant surfaces to ensure safety and comfort. Essential design features include smooth, non-porous upholstery, heavy-duty adjustable bases, and sturdy footings to facilitate long hours of seated work at counters and modular laboratory benches.



Fume Hood

A laboratory fume hood is the primary engineering control used to protect personnel from toxic vapors, aerosols, and chemical splashes. It acts as a five-sided ventilated enclosure, drawing room air inward to contain hazards and safely exhausting them out of the building.



Laminar Air Flow (Horizontal & Vertical)

A Laminar Air Flow (LAF) cabinet is a critical piece of cleanroom lab equipment designed to provide a particle-free and sterile working environment. It protects sensitive samples by maintaining a constant, uniform stream of HEPA/ULPA-filtered air across the workspace, directing contaminants away from the product.

For lab furniture design, LAF units are categorized into Horizontal and Vertical airflow systems, each dictating distinct structural footprints, safety benefits, and utility requirements.



Bio Safety Cabinets

(BSC) is designed to provide personnel, environment and product protection during critical material handling process.

Type of bio safety cabinet

Class II: There are more difference like divided into four types A1, A2, B1 & B2

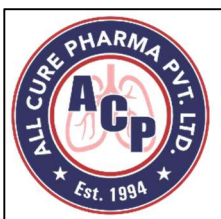
Class III: It's also known as glove box & offers maximum protection

Safety Cabinet

Laboratory safety cabinets are critical containment units engineered to protect personnel, samples, and the facility from hazardous fumes, fires, and infectious materials. They integrate directly into lab layouts, featuring fire-resistant materials, secure ventilation, and localized filtration to isolate volatile or toxic chemicals and biological agents.



Our Prestigious Clients





**"Excellence and
Innovation built into
every design"**

 +91 8429728242 / +91 9450192395

 www.alconcleanroom.com

 alconcleanroom@gmail.com

