

dextermepf.com



HVAC



CLEANROOM



FIRE & SAFETY



ELECTRICAL



We provide
MEPF & Cleanroom
Services

ABOUT US

DEXTER MEPF PVT LTD stands as a leading techno-enabled MEPF contracting, boasting a team of skilled engineering experts. Our extensive range of products and services spans across India, catering to the diverse needs of end-users, consultants, architects, Project Management Consultants (PMC), and MEP turnkey solutions.

Over the years dexter mepf has evolved as an appreciated partner in building facilities for Pharmaceutical/ Biotechnology, Micro Electronics, Semiconductor, Nanotechnology, Hospitals, Food & Beverages, Dry Rooms, Specialty applications and Research & Development labs on turnkey basis. We are a technocrat driven company with management and senior staff having vast experience in similar industry spear heading the company into newer heights.

We are a facility build company since 2020, having manufacturing base in Hyderabad executing projects across pan india.

In a short span of time, we are one of the largest service provider in mep solutions and Cleanroom solution such as Modular Partitions, Cleanroom Equipment, Lab Furniture, AHUs, Ducting etc.

Rich Experience

Established in 2020, with over 5 years of rich experience

Technocrat Driven

Key management team with vast experience various segments

MEPF Product & Service

One stop solution with full spectrum of design, manufacturing, installation, validation and handover

High quality

Products in compliance with major international quality standards

One Stop Solution

One of the largest facility in the country with state -of-art machines

Project Expertise

Highly experienced and skilled team of project engineers

HVAC

HEATING / VENTILATION / AIR CONDITIONING



Thermal comfort and acceptable indoor air quality are key to modern commercial, industrial and residential buildings. We offer wide range of solutions that address customised Heating, Ventilation and Air Conditioning needs of our customers. This includes:

HIGH SIDE:

- Chillers
- Cooling Towers
- Pumping System
- Heat Exchangers
- Pressurisation System
- Water Chemical Treatment
- AHU and Fan Coil Units
- Heat Recovery Wheels
- DX System • VRF System
- Ventilation Fans
- Precision Air Conditioning units
- District cooling plants
- Hot and Cold Scrubber
- Treated Fresh Air Units
- Dehumidifiers

LOW SIDE:

- Hydronic Piping and accessories
- Copper refrigerant piping and accessories
- Air Distribution and accessories
- Air Outlets
- Thermal and acoustic insulation
- Indoor air quality monitoring
- Variable Air volume
- Thermal diffusers

Industrial piping works:

- Compressed Air
- Argon
- Nitrogen
- Oxygen
- LPG

ELECTRICAL

ELECTRICAL INSTALLATION

We are doing the electrical projects in pan india and having registered panel list of electrical contractors with the county's leading architects, consultants, project manager, reputed builders, MNC's and other industrial houses.

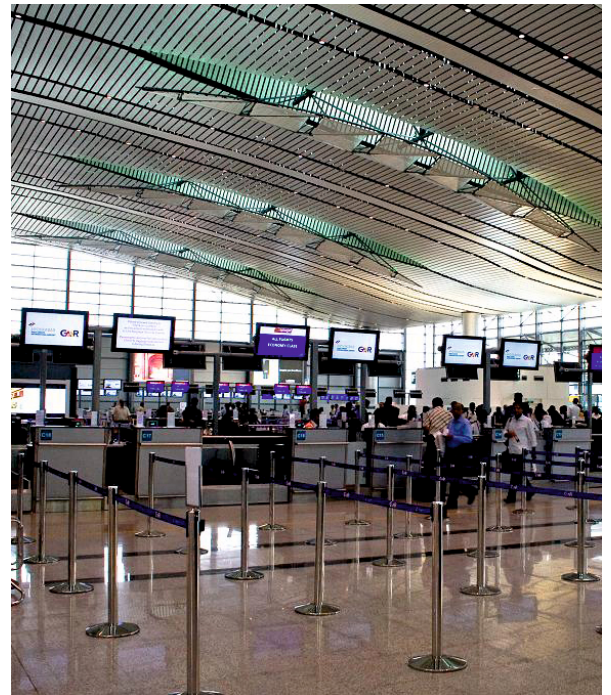
We are executing electrical projects in pan india with leading architects, consultants, PMCs and Reputed Builders

We are recognized for our execution quality and conformance to high safety standards and installation work which involves proper representation to power supply utilities for execution

Our dedicated in house services/ commissioning team provides pre-commissioning and commissioning Supports after the installation is fully serviced

Our electrical services include:

- EHV & MV Sub-station (both indoor & outdoor)
- MV & LT Switchgear
- Power & Distribution Transformers (both Oil Filled & Dry Type)
- DG Sets including Acoustics, Bulk Fuel Storage System & Chimney Stacks with Insulation
- Street lighting, Pathway lighting, Landscape lighting, Facade & Arena lighting
- UPS including Emergency Lighting System
- Turnkey electrification works for Data Centers
- Office Automation & other related services



PLUMBING

WATER DISTRIBUTION INSTALLATION



Efficient water supply and effective drainage system plays a critical role in modern buildings. We offer professional plumbing installation and maintenance services. This includes:

- Water distribution design - Internal and external water supply system
- Water purification system
- Intelligent water supply and monitoring system
- Sewage Treatment Plant
- Effluent Treatment Plant
- Water Treatment Plant
- Reverse Osmosis Plant
- Sanitary & CP fittings
- Internal and external drainage system
- External storm water drainage system
- Subsoil drainage system
- PHE Pumps
- Level Control System
- Hot water Generator System
- Syphonic Drainage System
- Rain Water Harvesting

FIRE SAFETY

FIRE SAFETY & PROTECTION SOLUTIONS

Incidence of fire can cause major damages to infrastructure and may prove fatal at times. It is important to secure one's infrastructure from Fire. To help our customers protect their people and precious infrastructure, we offer holistic Fire Safety & Risk Management services. This includes:

Fire Safety - Fire Protection System

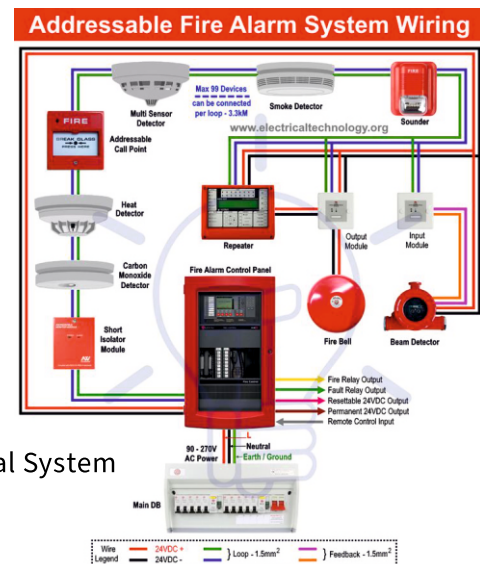
- Hydrant system
- Pre-action system
- Sprinkler system
- Medium and high velocity water spray system
- Water mist system
- Foam system
- First aid fire extinguisher system
- Water curtain system
- Fire curtain system
- Kitchen fire suppression system
- Tube based fire suppression system for switch boards

ELV Systems & Security Solutions

- Fire detection and alarm system - Addressable & Conventional System
- Public Address
- Talk Back System
- Access Control System
- CCTV System
- Rodent repellent system
- Water leak detection system
- Perimeter protection system
- Gas suppression system
- Linear heat detection system

Building Management System

IBMS- All engineering services integrated under one platform



CLEAN ROOM

CLEANROOM PROJECTS & MODULAR CLEANROOM



We are doing the Modular Clean Rooms, Softwall, Hardwall, Biosafe, Portable Cleanroom for Healthcare, Life Science, Medical Device Manufacturing, Pharmaceutical, Food Packing & Bottling Lines, Nano-Technologies, Nuclear Energy, Atomic Energy, Defence, Aerospace.

We also provide Modular Clean Room Design, Build, Installation Services and Cleanroom Accessories, Components like Wall Panels, Doors, Windows, Switch Glass Privacy Windows, Flooring, Ceiling, Cleanroom Pass Through Chambers, Air Showers, Air-conditioning, Dehumidification Modules, Exhaust, FFU. Our setup is situated in Hyderabad, we serve customers in pan India.

At Dexter, we design a complete cleanroom solution to satisfy customized requirements with ease. Dexter's Modular Cleanroom delivers an ultra-clean working environment. We provide a clean and suitable environment with a controlled level of contamination as specified by particles per cubic feet. This type of environment promotes the execution of critical processes in the best possible way.

Prominently these industries are:

- Healthcare
- Semi-Conductor & Electronic Industry
- Pharmaceutical
- Food Packing & Bottling Lines
- Nano-Technologies
- Nuclear & Atomic Energy
- Defence & Aerospace



DRY ROOM

DATA CENTER TECHNOLOGY & DRY ROOM PROJECTS



DRY ROOM & DATA CENTER TECHNOLOGY

Achieving low-cost and energy-efficient DRY ROOM facilities with appropriate equipment configuration & optimal operational control

Moisture in the air is an impediment to yield improvements in the manufacturing processes for the increasing production of rechargeable lithium-ion batteries and next-gen secondary batteries, which are expected to be widely used in the future. This manufacturing is therefore performed in a DRY ROOM projects, which has the moisture in the air removed in a controlled low dew point environment.

The manufacturing cost for the dehumidified air used in the DRY ROOM is higher than that for the conditioned air used in ordinary air conditioning. There are therefore increased demands for energy conservation in large-scale mass production factories.

In order to respond to these demands, we optimized the configuration of the dehumidification equipment to achieve reduced energy consumption and lower cost. In addition, we achieve further reductions in energy consumption by implementing optimal operation controls to deal with the periods when the dehumidification load is low, for example, during the winter months.



Data Center Projects

CLIENTS

adani



innovon
TECHNOLOGIES



foundever™



zepto



Table Space



SARTORIUS



skootr





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