




Consulting | Execution | Inspection

## HOSPITAL INFRA TECH SOLUTIONS LLP.

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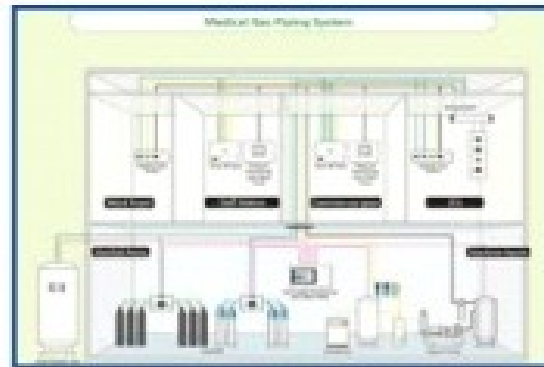
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## Medical Gas Pipeline System & Modular Clean Room Solutions.

Providing cost effective and time bound solution for installation of centralized medical gas pipeline system with best in class plant and manifold, gas terminal unit, line isolation and alarming systems.

Making modular clean room unit (i.e MOT, ICU) as per NABH compliance and we adopt scientific process to attain maximum durability of equipment.

We can give you consultancy, design and make the infrastructure ready for hospital function. Hospital authority can rely on our persistent strive to see through the possibilities of getting maximum return on investment.



### Inspection/Verification :

To check provisions of safety and security of the system, like OES in accordance to COSHH(Control of substances hazardous to health) regulation.

We conduct on the spot medical gas pressure stability test ( base: "nh/V..) and cross connection test.

Measured with TWA of minimum 12 hrs with pressure holding at working / designed PSI.

Are the installation made as per desired/tender BOQ and technical specification?

To check the system capable to deliver the desired output ?

To check installation, complying with ISI/HTM-British/NFPA-American standard matrix or not.

To check carbon diposition, Color coding, Bends, Labels,supports and safety precaution.

Preventive inspection on monthly basis to check and refrain any hindrance in supply due to system failure.



## Operation and Maintenance:

For source systems comprising Oxygen, Nitrous Oxide, Medical Air (4bar), Surgical Air (7bar), Med Vacuum, AGSS, Carbon Dioxide. Engaging trained and technically qualified man power to run the entire medical gas pipeline system for 24x7x365 days.

Trouble shooting of the malfunction and providing on the spot resolution of the issue. Repairing of machines, outlet and isolation valve leakage to stop pilphirage and boost cost effectiveness.

Keeping track on consumption of primary source of supply unit of Oxygen, Nitrous Oxide and Carbon dioxide.



Keeping track on running hours of Air and Vacuum generation systems. Running the system with utmost vigilance on central supply unit, check valves, alarms (area/zones) from source to the patient's bed side.

## AMC/CMC:

Providing Annual Comprehensive Maintenance Service for entire medical gas pipeline system and modular operation theatre and ICU. Ensure supply of spare parts based on the installed item types.

## OT Lights and Tables:

Double and Triple dome LED OT lights.  
OT light controllers wall and light panel mounted.  
Electrically operated OT table,  
Hydraulic OT table.

