



Limpio Air Technologies

AN ISO 9001 : 2008 CERTIFIED COMPANY



QUALITY POLICY

We are committed to provide quality service in the field of validation and documentation for clean room hvac using advance instruments and updated testing methods in compliance with the clean room standards and audit requirements. Our continuous improvement involves training to validation team personnel, Revision of documents and timely services to our customers.

ABOUT US

- ★ Limpio Air technologies , is a sister concern of M/s Limpio technologies, takes care of validation and documentation jobs for Clean room and associated equipment's
- ★ We deal with two types of testing namely Validation for Clean room and Temperature mapping for different equipment's used in the labs like Auto clave, Cold room, Deep freezer etc.,
- ★ Our clean room validation protocol and SOP's are complied with international standards like EN/ISO 14644 and Clean room guideline requirements like IEST, PIC's, FDA GMP, EU GMP, MHRA GMP, CDC,NIH,NSF 49 etc.,
- ★ Validation of Clean room equipment's like Unidirectional Airflow unit, Air shower, Pass box and Bio safety cabinet is also a part of clean room validation.
- ★ Our temperature mapping for equipment's is with 21 CFR Part 11 requirements.
- ★ We have skilled team leaders and technicians for validation team who are trained by a GMP certified Auditor. Our periodic training improves the validation personnel in getting more focus on updated testing methods and documentations in line with the current testing requirements.
- ★ Apart from Validation, we also undertake commissioning and validation for new clean room projects which includes testing & validation of entire clean room facility including BMS,especially Bio Safety level projects.
- ★ We undertake periodic validation for the cleanrooms on specific contract along with the replacement of necessary spares.



Limpio Air Technologies

AN ISO 9001 : 2008 CERTIFIED COMPANY

LIST OF INSTRUMENTS AT LIMPIO AIR TECHNOLOGIES

Sl. No	Name of the Instrument	Model	Make	Specification	Qty
01	Digital Vane type anemometers	417	TESTO	0.3 to 20 m/s	1
02	Digital Probe type Anemometer	425	TESTO	0 to 20 m/s	1
03	Digital Vane type anemometer	AM 4201	LUTRON	80 -5900 FPM	3
04	Air Capture hood with Micro mano meter	8715 / 8380	TSI	Range 25 to 2500 CFM	2
05	Digital Manometer with static pressure probe	8715	TSI	15 inches Wc	2
06	Aerosol Photometer	DOP 3000	DOP Solutions, UK	Sampling rate : 1 CFM Minimum display :0.0001%	1
07	Aerosol Photometer	PH 5	TEC SERVICES	Sampling rate : 1 CFM Minimum display :0.0001%	1
08	LASER Particle counter	3445	Beckman Coulter	Sampling rate : 100 LPM Particle sizes :0.5,1,2,3 & 5 micron	1
09	LASER Particle counter	9350 - 03	TSI	Sampling rate :50 LPM Particle sizes:0.3,0.5,1,2,3 & 5 micron	1
10	Mini Data Loggers	Easy log	HTC	-40 to +70 deg cen 0 to 100 % RH	300
11	Mini Data Loggers	174 H	TESTO	-20 to +70 deg cen 0 to 100 % RH	200
12	Smart data Logger	GP 20	Yakogawa	-200 to 1300 Deg Cen 100 Channels with expansion up to 450	1
13	Clean room Fogger	TEK1 - WF	MK teck 1	Potable water as medium	1
14	Clean room Fogger	A1 – DIF	A one tech	Dry ice as medium	1
15	Digital Light level Meter	LX 101	Lutron	Up to 50,000 LUX	1
16	Digital Sound Level meter	SL 4001	Lutron	30 to 130 dB	1
17	Digital Vibration Level Meter	VB 8200	Lutron	0.5 to 199.9 mm/s	1
18	Duct Leak tester		Radiant Industries.	Complies to SMACNA	1



Limpio Air Technologies

AN ISO 9001 : 2008 CERTIFIED COMPANY

LIST OF ACTIVITIES PERFORMED BEFORE AND AFTER THE VALIDATION

- Airflow balancing at AHU
- Pressure balancing at AHU
- Airflow balancing at Room supply and return.
- Room Pressure balancing.
- Submission of validation protocol for user approval.
- Submission of validation reports.
- Submission of calibration reports of instrument with master traceability.

LIST OF VALIDATION ACTIVITIES PERFORMED BY LIMPIO AIR TECHNOLOGIES

- Airflow Velocity & ACPH test.
- Room Differential Pressure monitoring test.
- HEPA filter Installation Leak test.
- Particle count test.
- Recovery test.
- Duct static pressure test
- Temperature & Humidity mapping for clean rooms.
- Temperature mapping test for equipment's like Autoclave, DHS, Cold room, Deep freezer, Incubators etc.,
- Light level test
- Vibration level test
- Duct Leak test
- Any other test based on special requirement like Containment leak test, Induction leak test etc.,

TEMPERATURE MAPPING FOR EQUIPMENTS

- Autoclaves (Double door/Vertical)
- Dry Heat sterilizers (DHS)
- BOD Incubators
- Deep Freezers
- Tunnel sterilisers
- Cold rooms
- Muffle furnace
- Bunsen burners
- Manufacturing vessel / Holding tank
- LOD oven/Glassware drying oven/Vacuum oven
- Water bath/Dry bath
- Reserve sample room/ walk in / stability chambers.



Limpio Air Technologies

AN ISO 9001 : 2008 CERTIFIED COMPANY

CLIENTS



Limpio Air Technologies

AN ISO 9001 : 2008 CERTIFIED COMPANY

Contact Us

Corporate Office :

G-5, Sai Nadh,
Dwarakamaya Apartment,
Plot No 75 to78, Nizampet Village,
Hyderabad-500 090

Mobile:

+91 9912845627,
+91 9032356880.

Landline:

+91 9515120724,
040-65576880

Email:

sales@limpiotechnologies.com,
limpiotechnologies@gmail.com

Factory :

H.No: 24-752/2/1 , Panchasheela Colony,
Ranga reddy nagar, Gandhi nagar,
Hyderabad – 500 037

Website: www.limpiotechnologies.com



Limpio Air Technologies

AN ISO 9001 : 2008 CERTIFIED COMPANY