



## A COMPLETE ENVIRONMENTAL MONITORING SOLUTION FOR PHARMACEUTICAL INDUSTRY, FOOD INDUSTRY, HOSPITALS, LABORATORIES ETC.



### Microbiological Environment Monitoring Services

- Real Time Viable and Non Viable Particle Count using RMM Technology.
- Microbial Environment Monitoring by Settle Plate.
- Microbial Environment Monitoring by Active Air Sampler.
- Microbial Personnel Monitoring by Surface Swab Testing and Finger Dab Testing.
- Microbial Surface Monitoring by Surface Swab Testing and Contact Plate.
- Microbial Monitoring of Compressed Air.

### Clean Room and HVAC Validation

- Air Velocity (Flow) Test, ACPH Calculations.
- HEPA Filter Integrity Test.
- Particle Count Test.
- Recovery Test.
- Pressure Balancing Test.
- Air Flow Pattern Test.



## Air Quality Monitoring (Indoor, Outdoor and Stack Monitoring)

Testing reports are based on following guidelines: OSHA regulations, EPA Guidelines, NIOSH, WHO, ASHRAE, ISHRAE, CPCB, NAAQS. The test parameters include:

- Particulate Matter 2.5 (PM<sub>2.5</sub>).
- Carbon Monoxide (CO).
- Air Velocity.
- Particulate Matter 10 (PM<sub>10</sub>).
- Carbon Dioxide (CO<sub>2</sub>).
- Temperature and RH.
- Formaldehyde (HCHO).
- Sulphur Dioxide (SO<sub>2</sub>).
- Total Volatile Organic Compound (TVOC).
- Nitrogen Dioxide (NO<sub>2</sub>).



## Compressed Air Validation

Aspire Quali-tech provide services for testing of Compressed Air, Breathing Air & Nitrogen Gas.

The Quality of Compressed Air / Breathing Air is important to ensure that product is safe and also to comply ISO 8573. The most important parameters in specifying Compressed air or Breathing air quality are:

- Dew Point
- Moisture / Water Content.
- Gaseous Impurities Like, Carbon monoxide, Carbon dioxide, Hydrocarbons, Sulphur dioxide, Oxides of Nitrogen.
- Oil Content
- Oxygen.
- Viable Count.
- Particulate Matter
- Nitrogen.
- Non-Viable Particulate Count.



## Thermal Validation and Calibration

We provide temperature mapping services for equipment and facilities like Autoclave, Oven, BOD Incubator, Cold Storage, Stability Chamber, Warehouse.

Calibration services for process controlling devices.



## Support to Microbial Environment Monitoring Services

- Protocol Development/Sampling Program Development for Microbial Environment Monitoring.
- Documentation Support for Development of Protocols for Microbial Methods and Validation Studies.
- Defining Procedures/SOPS for Microbiology Tests and Practices.
- Training Related to Microbial Environment Monitoring and other Microbiology Aspects.
- Establishing Rationale for Cleaning Process, Evaluation of Disinfectant Solution.



## Consultancy Services

- Implementation of requirement of WHO-GMP, ICH Q7 and other regulatory authority and auditing services for pharmaceutical industries.
- Pre-inspection audits and compliance support.
- Gap assessment audits.
- Documentation support for SOP preparation and review, Validation/Qualification Protocol, Site Master File, Quality Manual etc.
- Implementation of system for compliance of ISO 9001:2015, ISO 13485:2016, ISO 45001:2018, ISO 14001: 2015, ISO 22000: 2018, FSSC, FAMI-QS, ISO 17025:2017 Standard Requirements.
- Internal Audit Management for the QMS, EMS, OHSMS, FSMS, FSSC, FAMI-QS, MD-QMS, Competence of Testing and Calibration Laboratories.
- Training for cGMP, ISO standards, customised training as per the customer requirement.



## FOR MORE INFORMATION

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