

**CNBT CR DACUM
Cleanroom Blueprint**

Cleanroom Testing Blueprint

Duty / Task

A		Facility Assessment
	1	Determine Regulations Standards Utilized
	2	Discuss Clients Expectations
	3	Provide Certifier Qualifications
	4	Determine Safety, Hazard Assessment and Incident reporting
B		Contamination Control
	1	Determine Gowning Requirements and Cleanroom Behavior
C		Equipment/Calibration
	1	Provide Calibration Program, Records, Traceability and Methods
	2	Prepare for a Customer Audit, Vendor Assessment
D		Airflow
	1	Determine Test Plan
	2	Measure Volumes
	3	Measure Velocities
	4	Perform Data Calculations
	5	Troubleshooting Deviations and Performance Issues
E		Pressure
	1	Establish Pass/Fail Criteria
	2	Measure Filter Pressure Differentials
	3	Measure Room Pressure Differentials
F		HEPA
	1	Determine an Integrity Test Plan
	2	Execute Integrity Test Plan
	3	Sample Upstream Challenge for Max & Min, Uniformity
	4	Perform Photometric Test
	5	Perform Discrete Particle Counter Test
	6	Determine Filter - Repair / Patch / Replacement Plan
G		Particle Counting
	1	Determine Classification
	2	Determine Test Condition - (as built, at rest, operational)
	3	Determine Classification Particle Size(s), Sample Time/Volume
	4	Determine Sample Plan Layout
	5	Set up Discrete Particle Counter
	6	Perform Collection of Air Samples
H		Recovery
	1	Determine Test Criteria
	2	Perform Discrete Particle Counter Method
	3	Perform Photometer Method
I		Performing Airflow Visualization
	1	Determine Test Plan
	2	Perform Test Plan
J		Reporting
	1	Document Test Procedures
	2	Document Test Results
	3	Summarize Test Results