

Technical Article 3

The Roles, Responsibilities & Requirements of a Cleanroom Certifier



Choice of the correct Cleanroom certification agency is both important and vital to the success of the whole Cleanroom construction project . The Cleanroom certifier is neither a Cleanroom auditor nor a design consultant . His responsibility is to control and maintain the quality of the test measurement and procedures in accordance to the appropriate reference standards specified and agreed upon between all parties concerned . The certifier must be unbiased and ensure that the data presented in the report is an exact record of the system and / or equipment performance information on the day of the test . In addition the Cleanroom certifier should possess :

- *good knowledge of all applicable standards and recommended practice*
- *good working knowledge on the practical usage & the theory of operation of the test instrumentation and equipment*
- *good knowledge, theory and practice, of Cleanroom techniques & practices and other related disciplines*
- *good understanding on Cleanroom HVAC & filtration systems and clean air devices*
- *familiar with the safety aspects & work discipline within the Cleanroom environment*

The choice of the Cleanroom certification agency should be based on :

- *the track record in related certification projects*
- *testing knowledge & experience of employees & staff*
- *availability of adequately calibrated test instrumentation*
- *the availability of a trained & qualified Cleanroom performance testing supervisor, in a management position (not a must but preferred)*
- *quality procedures and guidelines of the firm*