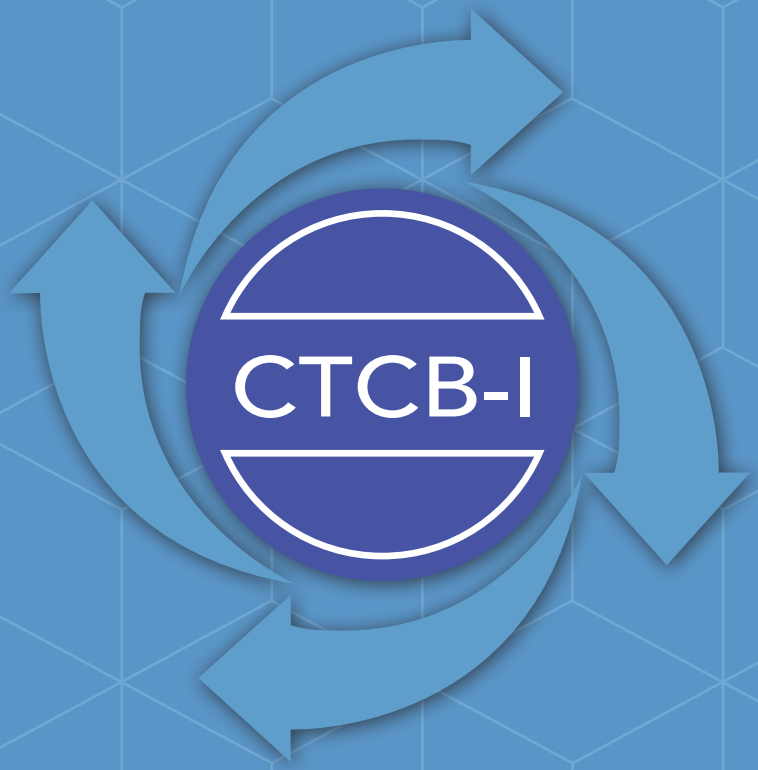

CERTAINTY ASSURED

Cleanroom Testing and Certification Board - International

The Cleanroom Testing and Certification Board provides educational courses and awards personal certificates through training and formal examination.

ICCCS

Accredited Education

OUR GOAL

The Cleanroom Testing and Certification Board – International wants to deliver internationally recognised certified professionals for cleanrooms and cleanroom devices.

The CTCB-I is an association which promotes, prepares and accredits internationally-recognised educational courses for people who design, construct, test, monitor, operate and work in cleanrooms. Members from the association are societies set up for the education and promotion of contamination control techniques in cleanrooms.
The CTCB-I has developed courses to deliver professionals to the cleanroom market, thus having a professional level in cleanroom technology. These courses are for owners of cleanrooms, managers of cleanrooms, testers of cleanrooms and people who are interested to elevate their knowledge of cleanrooms to a professional level.

TESTING

CTCB-I also offers a testing course that covers all aspects on cleanroom testing for cleanroom testers.

CLEANROOM TESTING COURSE

Associate certification: For people who are familiar with aspects of cleanroom testing and wish to gain a fuller knowledge of the subject, or, have been working less than two years as a cleanroom tester and wish to use the certification course as a basis of training to work towards professional status.
They will be required to:

- Study the self study course notes, attend a lecture course, and then pass a written examination;
- Attend a half day course on practical aspects of cleanroom testing;

The written exams are identical in both qualifications, the difference between the two certificates is that professional candidates are examined on their practical competence. In the associate qualification, the practical aspects will be taught, but not examined.

Professional certification: For people whose profession is cleanroom testing, and who routinely test all aspects of cleanroom testing. These people are examined to see if they have a satisfactory knowledge of cleanroom testing. At the time of their final exam, they will have a minimum of 2 years' experience. They will be required to:

- Study the self-study course notes, attend a lecture course, and then pass a written examination on Cleanroom Testing;
- Attend a half day course on practical aspects of cleanroom testing and hence be prepared for the practical exam;
- Pass a practical exam by demonstrating a high level of competence in
  (a) filter integrity testing,
  (b) measuring air velocities and volumes and (c) particle testing

On satisfactory completion of the course, candidates receive a CTCB-I certificate, and are entered onto the CTCB-I 'List of successful candidates' on the website. Furthermore they receive the Professional Pass. This registration applies to the person who passes the exam, and not their company.
A professionally-certified person will remain on the list for 5 years, at which time they must be re-certified. In order to update their knowledge, it is recommended that associate-certified people be recertified also every 5 years.

YOUR PASS

PERSONAL ACCREDITATION

The certification of professional testers will result in a higher quality of testing your cleanroom. Assuring your testing is done properly, and done according to the newest standards.
You can recognize the quality of your test engineer by the Personal Professional Pass. The Personal Professional Pass has a validity of 5 years and guarantees better qualified people.

VALUE FOR CUSTOMERS

Professional testers are needed in pharmaceutical, micro-electronics, hospitals, food and space industy. This is extremely important where regulation and compliance is asked.

WORLDWIDE QUALITY

The course is executed all over the world to examine and certify Professional Testers. The CTCB-I guarantees the quality of the course. In every part of the world it is executed in the same way and is comparable everywhere.

TECHNOLOGY

The CTCB-I also offers a second course that covers all the subjects of cleanroom technology.

CLEANROOM TECHNOLOGY COURSE

Objectives of Course

The objective of the course is to give participants a high level of competency across all aspects of cleanroom technology. The candidates will be taught in- and examined about the following subjects:

- Cleanroom, why needed, types and history
- Standards and information sources
- Design of cleanrooms and clean air devices
- Construction materials and surface finishes
- High efficiency air filtration
- Cleanroom testing and monitoring
- Measurement of air volumes and pressures
- Air movement control
- Filter installation leak testing
- Airborne particle and microbial counts
- Cleanroom disciplines
- Materials, equipment and machinery
- Cleanroom clothing, masks and gloves
- Cleaning a cleanroom

This is a one day theory course with examination, succesfull candidates receive a certificate in cleanroomtechnology.

CTCB has an International Board.

For course dates and further information look at:

www.ctcb-i.net