



Accredited Education

# CCSI

Contamination Control Society of India

## Associate Level Certification Course on **CLEANROOM TECHNOLOGY THEORY & PRACTICE**

Training Course Officially Accredited by International Confederation  
of Contamination Control Societies, Switzerland



- Are you a Cleanroom Professional/Technician/Operator and can you prove it in India and abroad?
- Would you like to Gain acceptance and international recognition by attending and passing CCSI's internationally accredited Cleanroom Certification course
- Joint certificate issued by CCSI and ICCCS to successful candidates
- Contents of lectures have been vetted and approved by ICCCS (International Confederation of Contamination Control Societies)

## COURSE AGENDA & TIMETABLE

### Day 1

TIME	TOPIC	INSTRUCTOR
08.30 am to 09.30 am	Registration, Welcome, National Anthem	
09.30 am to 10.30 am	Airborne Particle Counting -Theory & Terminology	<b>Sheesh Gulati</b>
10.30 am to 11.00 am	Tea Break	
11.00 am to 12.00 pm	HEPA Filter Testing & Standards Part 1	<b>Sant Advani</b>
12.00 pm to 01.00 pm	Understanding and Implementing New ISO 14644-1 & 2 Cleanroom Standards; EU GMP Annex 1 & ISO 14644-3 proposed revisions	<b>Sheesh Gulati</b>
01.00 pm to 02.00 pm	Lunch	
02.00 pm to 03.00 pm	Air Flow & Differential Pressure Measurement	<b>Sant Advani</b>
03.00 pm to 04.00 pm	Cleanroom Protocol, Gowning & Housekeeping (with video)	<b>Sheesh Gulati</b>
04.00 pm to 04.30 pm	Tea Break	
04.30 pm to 05.30 pm	HEPA Filter Testing & Standards Part 2 (with video)	<b>Sant Advani</b>

### Day 2

TIME	TOPIC	INSTRUCTOR
09.30 am to 10.15 am	Airflow Visualisation Studies (with video)	<b>Sheesh Gulati</b>
10.15 am to 11.00 am	FAQs On Particle Counting & HEPA Filter Testing	<b>Sheesh Gulati &amp; Sant Advani</b>
11.00 am to 11.30 am	Tea Break	
11.30 am to 01.00 pm	Practical Demonstration on proper use of Cleanroom Monitoring Instruments	
01.00 pm to 02.00 pm	Lunch	
02.00 pm to 02.30 pm	Time for Revision of Course Material by Candidates	
02.30 pm to 05.00 pm	Written Theory Examination	

## SHOCKING, SAD BUT TRUE !

Almost 75% of the cleanroom classifications / validations being carried out today are incorrect or defective - either done deliberately or due to insufficient knowledge. Pharma companies stand to lose millions of dollars due to rejection of contaminated products, besides being issued F483 warning letters. Are your sterile facilities really up to the mark?

**Get Certified ! Get Ahead in your Career.** In 2007 the International Confederation of Contamination Control Societies (ICCCS), an international body comprising national cleanroom societies world-wide, felt that it was desirable to have an international standard for training courses. Towards this end, ICCCS set up an International Cleanroom Education Board (ICEB) to promote the preparation and accreditation of internationally-recognised educational courses that are based on the ISO cleanroom standards, and are designed for people who design, construct, test and monitor, operate and work in cleanrooms. This Associate Level Course of CCSI is accredited to ICCCS.

**The next time a US FDA or MHRA inspector visits your site, show him the training certificate you will receive after passing this course, see how impressed he is.** Cleanroom contractors/certifiers/validators -your competitors have already registered, don't be left behind. Learn about latest revised ISO14644-1 & 2 : 2015 standards AND proposed changes to ISO14644-3.

## FACULTY WITH 100 YEARS' COMBINED EXPERIENCE!!



Sheesh Gulati

Bachelor's degree in Civil Engineering from Poona University, India. Master's degree in Industrial Engineering and Management from Loughborough University of Technology, U.K.

CEO of MeasureTest Corporation, Mumbai, a firm which specialises in Clean Room Monitoring equipment such as airborne particle counters, aerosol photometers, smoke generators for the pharmaceutical and electronics industries. ICCCS Accredited Trainer.

Over 50 years' experience in sophisticated scientific, analytical and electronics test / measuring instruments Member of several Professional Societies including Indian Drug Mfrs. Association Pharma Engineers Group, Indian Society of Heating Refrigeration Airconditioning Engrs., Indian Pharmaceutical Association. Also Chairman of Contamination Control Society of India. Recently elected Secretary of International Confederation of Contamination Control Societies, Switzerland for 2019 & 2020



Sant Advani

Bachelor of Engineering (Mechanical), Entrepreneur, Consultant

Over 45 years' experience in the HVAC and Clean room Industry. Having worked in India & abroad for 15 years. He set up a Contamination Control Company "Airtech" in 1984 and sold the same in 2011 to his staff. ICCCS Accredited Trainer.

He now runs a contamination control advisory service focusing on Hospital Operation Theatres and sterile Pharmaceutical manufacturing, and conducts training programs on clean rooms. Previous experience includes Design Manager with Blue Star an Indian HVAC contractor, Project Manager with Continental Air Conditioning, Belgium carrying out HVAC projects in the Middle East (Iran, Iraq, Saudi Arabia)

## REGISTRATION FORM

### REGISTRATION FORM

*Associate Level Certification Course on*

## Cleanroom Technology - Theory & Practice

Date: .....

Venue: .....

Name: .....

Designation / Dept.: .....

Company/Organisation: .....

Office Address: .....

e-mail: .....

Mobile: .....

Participation Fees:

**INR 15,000/- or US\$ 250 or BDT 18,500/- per delegate** (including morning & afternoon tea, lunch, course material on both days.) This includes Exam Fees and internationally recognized 5 year validity joint certificate by CCSI & ICCCS for candidates who **pass**.

• Payment should be made in the name of "Contamination Control Society of India"

• Bank Details of CCSI For Wire Transfer

Current A/c no.: 10961132000179

A/C Name : Contamination Control Society of India (CCSI)

Bank: Oriental Bank of Commerce, Mumbai 400 036, India

IFSC: ORBC0101096

SWIFT: ORBCINBBOPR

**Note:** e-mail address is essential as Registration Confirmation will be sent only by e-mail. Please bring the Registration Confirmation you receive from us, while attending

# CCSI

Contamination Control Society of India

Address: 53A, Meherina, Nepean Sea Road, Mumbai 400 026. Phone: + 91 98690 12701  
Website: www.ccsiindia.com • Email: jyoticcsi@gmail.com; measuretest@yahoo.com