Take Your career to greater heights with

ISHRAE CERTIFIED PROFESSIONAL
Cleanroom Level-1 Programme

Hotel Vestin Park
Egmore - Chennai
23rd to 26th Sept 2015

Developed by:
ISHRAE Institute of Excellence

Organized by:
ASHRAE Chennai Chapter

Supported by:
Indian Drug Manufacturers’ Association
TNSB
Grow your knowledge and maintain your competitive edge with certification as an ISHRAE Certified Professional (ICP) Cleanroom Level-1

ISHRAE Institute of Excellence, is proud to bring you the Cleanroom Certification Program.

Designed for professionals who wish to enhance their professional capabilities and skill sets, the Certification Program, comprises of two basic modules. Module 1 is a primer for all Cleanroom Professionals, and shall be followed by Module 2 which will cover Design, Operations and Testing of Cleanrooms. Each of these modules has been designed as a standalone, and enables candidates to pick and choose the modules they wish to attend.

This Certification Program is applicable to Cleanroom professionals from all industries including pharmaceuticals, healthcare, nuclear, electronics, automobile, printing, among others.

Program and Examination Schedule:

Level-1 of the Certification Program will be held from 23rd to 26th Sep 2015

Level - 1, a three day class room course, will be followed by half a day of 'hands on training' with clean room testing equipment followed by a written examination, on the fourth day, which each candidate must pass in order to be certified by the program. In the event a candidate does not pass the examination, she or he will have the opportunity to retake the examination when the program is conducted again, at a future date, against a re-examination fee.

The examination will be invigilated by an independent agency.

Course Content for LEVEL-1

- An introduction to the module and the basic elements of Cleanroom
- An overview of cleanroom construction
- Applications of cleanrooms and uses
- Cleanroom specifications
- Cleanroom protocol and gowning
- Cleanroom cleaning and disinfection
- Hands on experience
- Hepa Filter Testing
- Particle Count Testing

Eligibility Criteria:

Module 1 of the Cleanroom Certification Program is open to candidates, who at the time of taking the course, have at least one year’s work experience in design / construction / operation of cleanrooms.

Special Introductory Fee:

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<tr>
<th>Membership Category</th>
<th>Program Fee</th>
<th>Examination Fee</th>
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<tbody>
<tr>
<td>Members of ISHRAE, ASHRAE &amp; IDMA</td>
<td>₹ 15,000/-</td>
<td>₹ 2,500/-</td>
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<tr>
<td>Non Members and candidates sponsored by their organizations</td>
<td>₹ 20,000/-</td>
<td>₹ 2,500/-</td>
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Note:
- Program fee includes course fee + material & lunch
- Program fee does not cover travel, lodging and boarding for the candidates.
- Service tax extra as applicable

Venue:

Hotel Vestin Park
39, Monteth Road, Eglon, Chennai, Tamil Nadu - 600008
Phone: 044 2852 7171

To apply, fill out and send in the enclosed application form, with your payment, via DD/Cheque, favouring ‘ISHRAE Chennai Chapter’, Plot No.14, Ganesh Nagar, Second Street, G.K. Industrial Estate, Alapakkam, Porur, Chennai - 600 116. Ph: 044-24767479

SAVE THE DATE
23rd - 26th SEPTEMBER | CHENNAI
Our Instructors for the ICP Cleanroom Level-1 program include:

Vijayakumar is founder and head of AERFIL, a consulting company devoted to providing technical and business solutions and services for the filtration and contamination control industry as well as educational and training support for the industry.

With over 30 years experience in leading filtration and particle test instrument companies to go with his PhD in particle technology, he is a globally recognized expert and mentor in contamination control and filtration.

He is an advisor to NASA for air filtration systems for space habitat, a faculty member at the University of Minnesota and a Distinguished Visiting Professor at the Chinese Academy of Building Research. He is an ASHRAE Distinguished Lecturer and has taught courses in clean room designs. He has served as the President of IEST, the premiere contamination control organization in the US.

Sasidharan Menon is an electrical engineer from Calicut University, class of 1976. He followed this up with a post graduate proficiency certificate for Boilers and Steam Engines from Maharashtra Government in 1981.

Sashi’s career, spanning over 30 years includes stints at Liberty Oil Mills, and Klenzaid, following which he co-founded Filtra Teknopak Cleanroom Systems (P) Ltd.

He currently advises and consults companies in the pharmaceutical, biotech and healthcare sectors. He trains operating personnel on GMP guidelines, continued compliance requirements on ISO standards and ICH & ASTM E 2500 guidelines.

Prashant Desai is a 1981 graduate in Mechanical Engineering from Indian Institute of Technology, Kharagpur. He has 32 years experience in companies such as Voltas Ltd, Blue Star, Johnson Controls and Suvridha Engineers.

He has been involved with design and setting up of various pharmaceutical and clean room projects since 1992 and along the way has gained immense experiences in HVAC and control systems associated with these projects including expertise in maintenance and trouble shooting. He now pursues his dream of setting up his own company.

Krishnan, is an Electrical Engineer by qualification. After graduating from IIT, he joined Voltas Limited in 1977 in the Air-conditioning & Refrigeration Division at Mumbai.

Krishnan has been a Member of ISHRAE since 1985 and has been one of the founding Members of the Mumbai Chapter. He has served the Society at Chapter, Regional and National Level and was the Society President during Society Year 2011-2012. Recipient of the ISHRAE Distinguished Service Award during Society Year 2013-2014. He is a founder Trustee of the ISHRAE Institute of Excellence and also serves on several Society Standing Committees like Advisory Committee, Nomination Committee, Finance Committee and the Certification Committee. He is also an Instructor for the ISHRAE Clean Room Certification Course.

Shankar Rajasekaran is an Engineering graduate from BITS (Pilani). He is a “Certified Air Filter Specialist” from National Air Filtration Association, USA. and a “Certified Cleanroom Testing Professional” from Cleanroom Testing Certification Board International, UK Founder & Technical Director of M/s. IMPEC FILTERS Private Limited, Chennai, a 20 year old company, manufacturing “Air filters for HVAC, Cleanroom and Mini environment applications”.

Director & Subject Matter Expert with M/s. Trueaire Concepts Private Limited, Chennai, a company engaged in consultancy, testing, certification, air quality audit and validation services of Cleanrooms and Clean zones for airborne contaminant loads.
Give your career the edge it deserves:

- Become certified as an ISHRAE Certified professional
- Distinguish yourself from your peers, enhance your credibility with employers and clients.
- Grow your industry knowledge.
- Demonstrate your commitment to improving yourself, your work product and the industry.
- Improve your options for being hired or promoted and to generate new business.
- Your name and photo will be featured in the ‘ISHRAE Certified Cleanroom Professionals section of ISHRAE Website.

ISHRAE (Indian Society of Heating, Refrigerating and Air Conditioning Engineers), was founded in 1981 at New Delhi by a group of HVAC & R professionals and 3,000 students as members with 40 chapters in India.

ISHRAE organizes international and national exhibitions, conducts seminars and workshops throughout the country to achieve its primary objective of advancement of the Sciences of Heating, Ventilation, Air Conditioning, Refrigeration Engineering and Related Services.

ISHRAE publications strive to help readers keep up to date with the happenings, learn new techniques, improve old designs and adopt the use of new devices to improve indoor air quality in our buildings.

Membership for ISHRAE is open to individuals from the HVAC&R and allied industries.

About ASHRAE

ASHRAE an individual membership society is an international organization operating with the exclusive purpose of advancing the arts and sciences of HVAC & to serve humanity and promote sustainable world.

ASHRAE Chennai Chapter, the second in south India was started in year 2010 and works to accomplish the goals of ASHRAE, USA. It conducts seminars, technical talks in the field of HVAC&R.

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