

The 7th International Industrial Hygiene Conference

**CIHA
2020**



Date: 5th Feb 2020
Time: 8:30 to 17:00



Shrenik M Ranpura
PDC Instructor

PDC: Local Exhaust Ventilation - Design, Evaluation and Maintenance

CIH CSP has 14+ years of experience in multinational companies holding position from site EHS manager, Regional H&S leader to global health and safety leader. Shrenik is currently working with LM Wind Power (A GE renewable company), Vadodara, India. Shrenik has designed local exhaust ventilation for 10+ operations and trained 100+ EHS professionals on LEV design criteria, measurement & maintenance. He has conducted 50+ EHS training sessions for global, regional and site EHS and operation team. Shrenik received AIHA President award in year 2015 for promoting IH activities in India.

PDC Contains:

- 1, Types of ventilation system (Supply & Exhaust)
- 2, LEV component (hood, duct, fans, air cleaner, & stack)
- 3, Identify basic industrial ventilation criteria
- 4, Calculate ventilation design parameter
- 5, Make ventilation performance measurement independently
- 6, Practical use of equipment to measure difference velocity, pressure...
- 7, Design single and multiple hoods local exhaust ventilation system
- 8, Identify non-performing ventilation system