

CIRCULAR NO 15

SUBJECT – Air Leakage Test Our First Step to Reduce Carbon Foot Prints

Dear Valued Customers,

Date:15/05/2021

In the past buildings were, by their nature, leaky, and much of the required ventilation was provided by this fortuitous air leakage, usually referred to as air infiltration. Fans were the source of providing air and the concept was to push cold air towards the floor level and to ventilate the hot air from specially designed circular, or square holes which were kept in the building envelope for the cross ventilation.



In new era design and construction of modern buildings the aim is to provide an airtight envelope and ventilation is introduced in a controllable way either naturally or mechanically, or by a combination of both.



Leakage through the building envelope may seriously impact on the comfort level of occupant as maintaining the temperature especially in the summer would be bigger and serious challenge for this kind of construction and increase the electricity consumption which in short will increase the bill value as well as increase the carbon foot prints. Considering the sensitivity and importance of this issue we have decided to arrange a technical webinar in which we will cover the followings key aspects.

- What is Air Leakage & Ventilation in the Buildings
- UAE Regulations
- Impact on Electricity Bill
- Testing Standards
- Our Testing Facility

It will be organized on 31st of May 2021 @ 1030hrs. Please confirm your presence max by 31st of May 2021.

Thanking you,

Yours Sincerely,

Sohail Zafar
Sohail Zafar

Technical Director
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Our Specialties

- Thermal Properties of Construction Material
- Testing of Tile Adhesive, Sealant, Mortar, Plaster, Coatings, Epoxies
- NDT Testing of Concrete with most advanced instrument.
- Scanning of Concrete up to 2.0m depth.
- Sub Surface Exploration up to 150m depth.
- Energy Saving Calculations
- Structural Investigations