

### CIRCULAR NO 20

## Subject – Concrete Face Tells Inner Conditions of Concrete

Dear Valued Customers,

Date: 14/10/2021

There is a famous quote "Your outside world is a reflection of your inside world, what goes on in the inside, shows on the outside". The old wise people may understand health condition of a person by meeting, shaking hands and looking in eyes and most of the times their observations are valuable and in line with the medical expert opinion which is based on series of tests. In the same way visual inspection of concrete along with NDTs by the experts can give the indication about the condition of concrete and internal defects that may endanger the whole structure. However, to really understand and identify the internal state of the structure without invading, much more sophisticated Non Destructive Testing tools are required. It can provide lot of information that may lead experts to identify the cause of observed distress. The effectiveness depends on experience of the investigator, vast knowledge in structural engineering, decades of experience in concrete materials, and familiarity with construction methods as well test codes are keys to extract the most information from visual inspection & Non Destructive Testing.

At Falcon Lab we strongly believe that there is a serious need of regular visual and NDT inspection of our concrete structures in order to minimize the long term failure of structure. Considering the importance of visual inspection of concrete, cost associated to overcome on the permanent failure and above all safety of the occupants, we have decided to arrange a brief webinar session where we will be addressing the followings agendas.

- Visual Inspection of Concrete
- Codes and Test Standard
- Types of Faults and Abnormalities
- Cracks Survey
- Latest Technology for NDT of Concrete

It will be organized on 15<sup>th</sup> of November 2021 @ 1100hrs and link to join the webinar will be sent shortly. Please confirm your presence max by 14<sup>th</sup> of November 2021.

Thanking you,

Yours Sincerely,

  
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