

**Subject: Information regarding Ultrasonic Pulse Velocity Test in Non-destructive testing of Building Materials- Reinforced Concrete Structures**

**Range of testing for Ultrasonic Pulse Velocity Test:**

NABL accepts range of testing for Ultrasonic Pulse Velocity test in Non-destructive testing of Building Materials- Reinforced Concrete Structures within **0.01 km/s to 6 km/s** considering the concrete quality grading in accordance with the standard IS 516 (Part 5/Sec1): 2018, Amendment No.1, 2019.

**Calibration of Apparatus for Ultrasonic Pulse Velocity Test:**

Calibration of the equipment using two standard calibration bars provided by the manufacturer as shown in the Fig. below is acceptable to NABL in accordance with Clause 2.2.3 and 2.3.1 of Standard IS 516 (Part 5/Sec1): 2018 for Ultrasonic Pulse Velocity test.



*Ultrasonic Pulse Velocity Instrument with Standard Calibration Bars*

For more information on Range of testing and calibration of equipment, please refer IS 516 (Part 5/Sec1): 2018

**Acknowledgement:**

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