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TO WHOMSOEVER IT MAY CONCERN

PEERTFORMANCE REPORT

1. Specification Details.

Servo Controlled load and displacement controlled Compression and Flexural testing machine to carry out test as per ASTM C1609, ASTM C1018, EN 14651, EN 14488-5(Make : CONTROLS, ITALY)

2. Whether the machine is used for testing fiber reinforced concrete.

Yes, Fiber reinforced concrete can be test under load and displacement control in compression and flexure frame.

3. Reports of tests done on the fiber reinforced concretes with your remarks on same.

1. Visually one can see the load-deflection graph or stress- strain graph while test in progress. Also the data from the test results will be directly saved in Excel file format.
2. The LVDT sensitivity is good, thus it can provide errorless reading.
3. Machine can operate in Load Control, Displacement Control, ~~Strain Control~~, and Stress Control.
4. Compression cyclic testing can be done in both frames.

4. Your comments on the performance of the machine.

1. Performance wise good. In your own interest any kind of test using this frame can be done.
2. Beam Element (<1m), Flexural Prism, Slab Panel can be test under Flexural Frame.
3. Column Element (<300mm or <500mm) , Confined or unconfined cylinder, Fiber reinforced concrete, High Performance Fiber reinforced Concrete can be test using Compression frame.

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