CONCRETE LABORATORY

Dr. M. Afzal Javed  Director
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DANNISON COMPRESSION TESTING MACHINE

No. of Scales = 4
Capacity = 300 Ton

MACROSS COMPRESSION TESTING MACHINE

No. of Scales = 1
Capacity = 100 Ton
ETNA ACCELEROMETER

It measures the ground acceleration during earthquake in all the three directions. A computer is attached with this device to readout the data from the recorder.

MUFFLE ELECTRIC FURNACE

Capacity = 1100 °C

Volume = 15 Liter

It is a very smart computerized controlled electric furnace which gives number of options regarding the control of the temperature.
FRESH CONCRETE MIXER PAN TYPE

Capacity = 2 cubic feet

VIBE’S COMPACTING FACTOR APPARATUS

It is used to determine the compacting factor for fresh concrete.
FRESH CONCRETE MIXER PAN TYPE

Capacity = 1.0 cubic feet

VIBRATING TABLE

It is used for compaction of fresh concrete.
CONCRETE PERMEABILITY APPARATUS

It is used for permeability determination of concrete cylinders.

CONCRETE CUTTER MACHINE(OPEN)

It is used to cut the concrete cubes and cores for various other tests.
SEPARTOR

It is used for grading of coarse aggregates.

SEPARTOR

It is used for grading of fine aggregates.