



EIE INSTRUMENTS PVT. LTD.
(An ISO 9001:2015 Certified Company)

ELECTRIC BALL DROP IMPACT TESTER - EN 14617 (PART 9)



Compliance Standards

EN 14617 (Part 9)

Applications

Determination of impact resistance of Agglomerated stone as per EN 14617 Part 9

Test procedure

Lay the sample in the center of the box on the bed of sand so that the whole thickness is buried. It should be placed so that the center of the face with the larger size lies on the vertical passing through the vertical of the sphere. A spirit level should be used to check that the upper face of the sample lies horizontal. The electromagnet should be attached to the stick at a point corresponding to the 6 cm drop (from the bottom) of the sphere. Switch off the electromagnet and let the sphere fall. The drop height (h) should be measured between the lowest point of the sphere and the impact surface. Repeat the test by progressively increasing the drop height 5 cm at a time until the sample is broken. Any surface damage caused by the steel sphere drop will be visually noticed in comparison with reference specimens, recorded and reported in the test results.

Machine features.

- Weight of the ball : 1 kg
- diameter of about : 6.3 cm.
- Initial drop height : 6 cm
- Incremental height : 5 cm
- Height adjustment : Automatic
- MOC : MS
- Bed size : 400 x 400 mm with capacity to place the sample in sand as per the EN requirement

- Drop of ball : Electromagnetic
- Operation : Single phase, 220 volts

Corporate Office:

A-1301, BVR Ek, Opp. Hotel Inder Residency,
Near Gujarat College, Ellisbridge,
Ahmedabad-380 006.
Phone : (079) 6621 1234
Website : www.eieinstruments.com

Calibration Laboratory:

Survey No. 1098, Nr. Mahakali Temple,
Opp. Primary School, Village Kubadthal,
Tal-Daskroi, Ahmedabad-382 433.
Phone: (079)-3520 8300
E-mail : info@eieinstruments.com

GST TIN No. : 24AABCE4018L1ZU
I.T. PAN No. : AABCE 4018L
IEC No. : 0813026598 Dt. 04/03/2014
CIN No. : U29199GJ2004PTC045078
TAN No. : AHME00572F