

ANNEXURE - A

DROP TEST:

- i) Vertical impact: Box is to be dropped from a height of 2m on base and from a height of 0.3m on all orientations (all faces, all edges & all corners impact on ground).
- ii) Horizontal impact: Box is to be dashed (on side or end) against steel wall giving it a swing (free length of rope 6m displacement of 2 m) the package and the contents should remain serviceable after the test.

BUMP TEST:

Filled box should withstand the bump test of 1000 nos. of bumps each on three faces, perpendicular to each other. Height of bump 25mm and rate 100-120 bumps per minute.

IMPACT TEST:

The box should withstand the mechanical impact test by dropping a weight of 2 lbs with a height of 1metre.

WATER IMMERSION TEST:

Box actuating unit and TILT unit should be tested for water tightness under a water column of 0.8m for 10 minutes.

VIBRATION TEST:

The box should withstand vibration on the frequency as per specification JSG0102.

K.P.
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