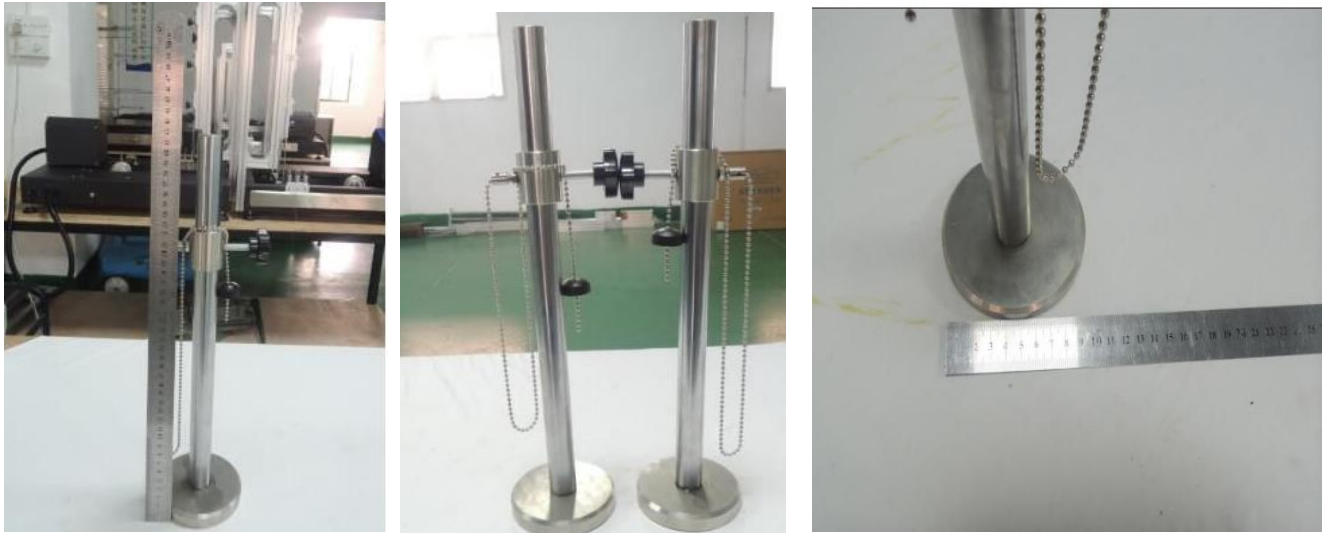


IS 9873 (Part 1):2019

RESOTECH TOGGLE TESTER FOR TOYS TESTING
MODEL NO. RESOTECH TTM-151



A toggle test device is moved along the direction of a forced movement in order to establish whether there is a potential entrapment hazard.

A Toggle Test Device consists of toggle, chain, collar and pole. Toggle is made of polyamides (PA) (e.g. nylon) or polytetrafluorethylene (PTFE), which have been found to be suitable materials; Chain, collar, Pole.

Procedure

Position the complete test device vertically 200 mm from the transition point of the starting section of the slide and at the appropriate lateral location.

Apply the toggle and chain to all positions within the range, as follows.

a) Move the complete test device in the direction of the forced movement, ensuring that the pole of the test device remains vertical and that the application of the toggle and chain is influenced solely by its own mass. Do not apply any additional initial force to wedge the toggle or chain in an opening.

b) Where a slide is wider than the width of the test device, carry out the test twice with the base of the pole positioned at both width extremities of the bed way. Observe whether entrapment of the toggle or chain occurs.

Specification

Model No.	RESOTECH TTM-151
Weight	2.96kg
Chain diameter	3.6+/-0.1mm
Diameter of base pole	100mm
Chain length	600mm
Pole length	400mm