

SUMMARY OF TOPICS

The following topics for the Standard for Attachment Plugs and Receptacles, UL 498, are being recirculated:

1. Alternative Vertical-Ball Impact Test

COMMENTS DUE: November 26, 2018

For your convenience in review, proposed additions to the previously proposed requirements dated (2018-08-24) are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Alternative Vertical-Ball Impact Test

PROPOSAL

140.3 Vertical-ball impact

140.3.1 The devices are to be mounted to a cast metal (malleable iron) outlet box and a nonmetallic flush-device cover plate is to be installed on the receptacle in the intended manner. The receptacle, faceplate, and box are to be placed on a steel plate at least 1/2 inch (12.7 mm) thick with the outlet facing upward.

140.3.2 The steel sphere is to be dropped from a height of 51 inches (1295 mm) to impact the center of each receptacle outlet as shown in Figure 140.3. For duplex receptacles, three devices are to be tested using one outlet, and three using the other.

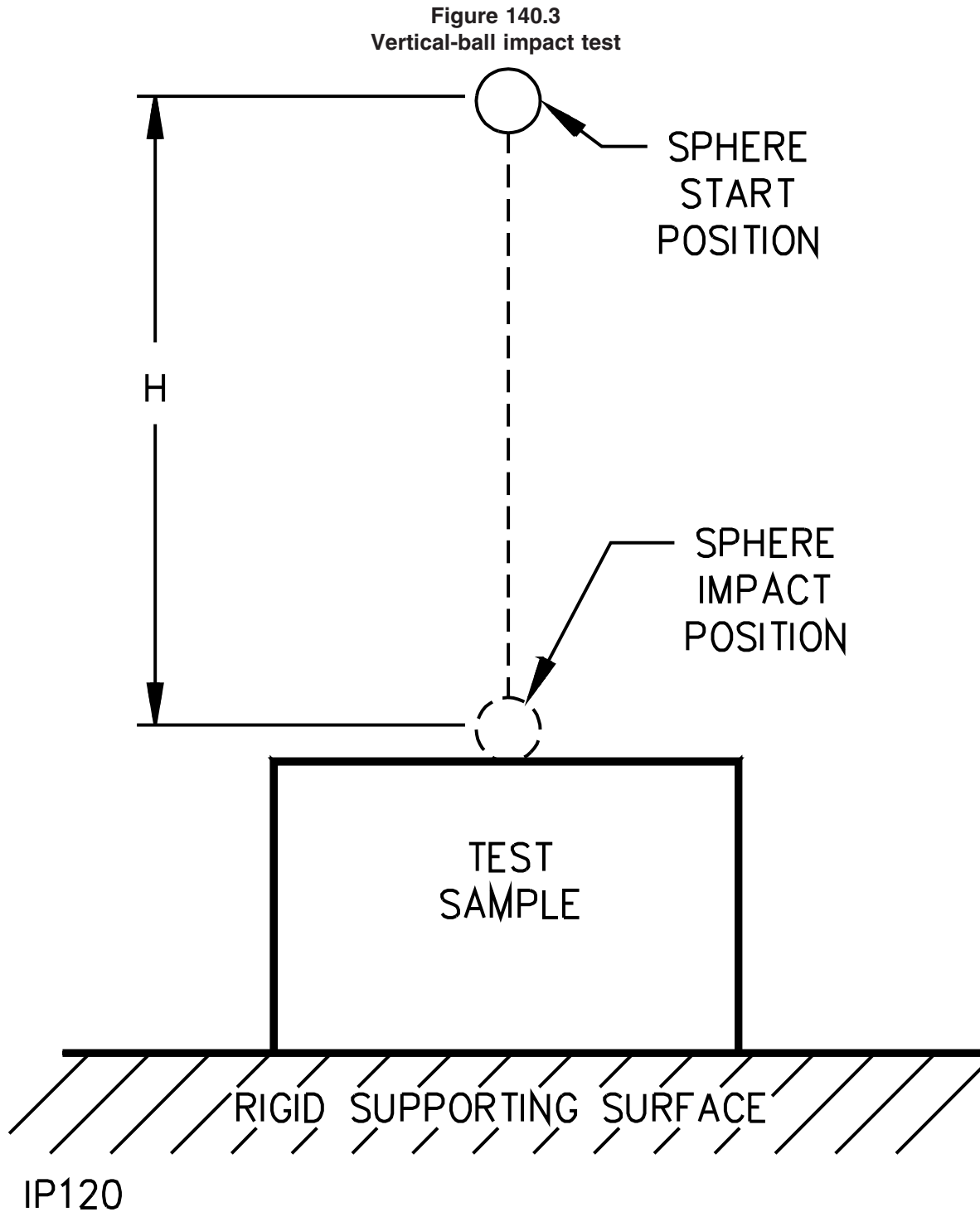
Exception: For a receptacle that employs a recessed outlet (such as a clock-hanger receptacle) where the steel sphere is unable to impact the outlet slot area an alternative shape consisting of a 1 in (25.4 mm) diameter steel rod with a 1 in (25.4 mm) spherical radius on one end as shown in Figure 140.4, delivering an impact of 5.0 ft-lb (6.8 joules) is permitted.

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NOTES

1) H indicates a vertical distance of 51 inches (1295 mm).

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