

Subject 1286

January 12, 2018

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Office Furnishings, UL 1286, are being proposed for preliminary review and comment only:

1. For Preliminary Review Only: Revision and Addition to the Cross Member (Beam) Requirements)

COMMENTS DUE: FEBRUARY 12, 2018

This proposal is for review and comment only (no ballot at this time). Please note that comments on a preliminary review document will not receive a response from the proposal author through CSDS. Instead, the proposal author will be asked to review the comments and adjust the proposals and/or supporting rationale as the author determines to be appropriate. The preliminary review process is an informal mechanism that provides authors with the opportunity to refine their proposals before they advance to the next stage in UL's standards development process.

In some cases, the author of the proposals may choose to discontinue them. In this case, the author need not do anything after preliminary review has ended. Normally, the next step in the process is the more formal STP ballot and stakeholder review process. Only comments posted during the STP ballot and stakeholder review process will be provided with a response in CSDS.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. For Preliminary Review Only: Revision and Addition to the Cross Member (Beam) Requirements)

RATIONALE

Proposal submitted by: Bruce Bohren, UL LLC

We have had a submittal where the cross-member is in an area that would be considered below the walkway height. These requirements were developed to evaluate the safety concerns when the cross-member is below the walkway height. In addition, some members are also being used for seating or leaning.

PROPOSAL

2.10.1 CROSS-MEMBER (BEAM) – A long piece of an office furnishing system that spans a gap and may add support to the furnishing system and/or may act as a raceway between parts of the system.

2.10.2 ~~2.10.1~~ ELECTRICAL CONNECTING ASSEMBLY TYPES:

Please note that this is a numbering change only. the definitions are not shown here.

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM**



Documents
Document Sharing Hub

34 ~~Panel~~Furniture Systems with Cross-Members ~~Over Walkways~~

34.1 General

34.1.1 For this section, we are only referring to cross-members where an individual(s) could hang from, sit on, or stand on due to the construction of the furniture system.

34.1.2 In addition to the requirements in 32.5, the furnishing shall not tip over, components shall not separate from the furnishing, and there shall be no loss of serviceability.

34.2 Cross-Members 40 inches (101.6 cm) or higher above the floor

34.2.1 ~~34.1~~ A panel Furniture system that incorporates cross-members (beams) 40 inches (101.6 cm) or higher above the floor ~~intended to be located over a walkway~~ is to be assembled as specified by the manufacturer and tested as described in 34.2.2 – 34.2.4.

Exception No. 1: A cross-member that is at a height greater than 9 ft (2.7 m) above the ground is to be tested in accordance with 34.2.5.

Exception No. 2: A cross-member that is unable to be physically grasped and held on to, is to be tested in accordance with 34.2.5.

34.2.2 ~~34.2~~ The loads specified in 34.2.3 – 34.2.5 are to be applied to a cross-member and distributed over a length of 2 ft (610 mm) where the cross-member is the least supported, and then re-applied in the same manner where the cross-member connects to the supporting means.

34.2.3 ~~34.3~~ A load of 450 lb (204.1 kg) is to be applied for 15 min in accordance with 34.2.2. When the manufacturer's instructions or markings specify the maximum weight the cross-member is intended to support, two times that specified weight is to be added to the 450-lb load.

34.2.4 ~~34.4~~ A load of 225 lb (102.1 kg) is to be applied in accordance with 34.2.2 and dropped from a height of 3 in (76.2 mm).

34.2.5 ~~34.5~~ With reference to Exception Nos. 1 and 2 to 34.2.1, a load of three times the weight of the cross-member is to be applied for 15 min in accordance with 34.2.2. When the manufacturer's instructions or markings specify the maximum weight the cross-member is intended to support, two times that specified weight is to be added to the three times the weight of the cross-member for the total load.