

STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

Amendment No. 1
to
AS/NZS 4067:2012
Protective helmets for structural firefighting

REVISED TEXT

The 2012 edition of AS/NZS 4067 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clauses 3.1.2, 3.4, 4.2.1 and 5.9, Appendices C, H and N, Table 4.1 and Figures 3.1, H2 and N1 (new).

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Clause 3.1.2

Delete clause text, including Note, and *replace* with the following text and new Figure 3.1:

Projections on the internal surface of the shell above the test line shall be covered with protective padding and shall not be greater than 5 mm in height, measured from the nominal internal surface of the shell. Internal projections may be recessed (see Figure 3.1) to reduce or remove the amount of projection past the nominal internal surface.

Projections above the test line shall be impacted directly over the site of the internal projection in accordance with Appendix H and shall be assessed that the projection has not made contact with the headform.

All rigid internal projections below the test line and above the reference plane shall not be greater than 5 mm as shown in Figure 3.1 and shall not contact the wearer when the helmet is worn in the correct manner as specified by the manufacturer.

NOTE: Rigid internal projections include items associated with the helmet assembly (e.g. nuts).

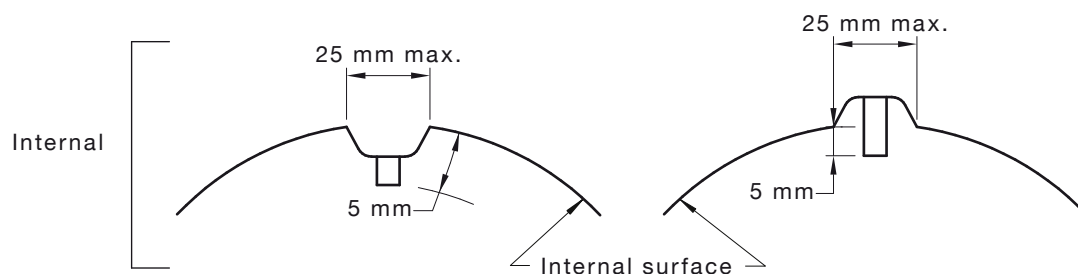


FIGURE 3.1 NOMINAL INTERNAL PROJECTION MEASUREMENT

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Clause 3.4

Delete clause text and *replace* with the following:

Helmets for structural firefighting shall be equipped with a faceshield that complies with the requirements of Clause 5.9. The faceshield shall extend a minimum of 43 mm below the basic plane when the helmet is adjusted to the headform in accordance with the manufacturer's instructions and 45° to each side of the mid-sagittal plane from the convergence of the mid-sagittal and coronal planes as deployed on the helmet. The faceshield shall be marked as specified in Clause 6.3.

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Clause 4.2.1

After the first paragraph *add* the following:

Where the internally-mounted faceshield is an integral part of the helmet, it shall be deployed to in-use position without interfering with the test equipment before commencing the test.

Sample I shall be tested for penetration resistance to Clause 5.7 after durability and high temperature conditioning in accordance with Clause 4.3.3(a) with all its accessories fitted. It shall then be conditioned again to the same temperature as before and tested as required in Clause 5.9(b). In the event the faceshield is internally-mounted in the helmet, it shall be deployed to in-use position to enable conditioning to take place. For this sample, penetration resistance testing shall be carried out only once and only on the top test area. See Figure N1.
