

Building Code of Australia (BCA) 2010 Compliance



BCA 2010 - Prescriptive Approach

G1.2 – Refrigerated chambers, strong-rooms and vaults

(a) A refrigerated or cooling chamber, strongroom or vault which is of sufficient size for a person to enter must have-

- (i) a door which is capable of being opened by hand from inside without a key; and
- (ii) internal lighting controlled only by a switch which is located adjacent to the entrance doorway inside the chamber, strongroom or vault; and
- (iii) an indicator lamp positioned outside the chamber, strongroom or vault which is illuminated when the interior lights required by (a) (ii) are switched on; and
- (iv) an alarm that is-
 - a. located outside but controllable only from within the chamber, strongroom or vault; and
 - b. able to achieve a sound pressure level outside the chamber, strongroom or vault of 90dB(A) when measured 3m from the sounding device.

(c) A door required by (a) (i) in a refrigerated or cooling chamber must have a doorway with a clear width of not less than 600mm and a clear height not less than 1.5m.

Interpretation:

- AS/NZS 1677.2:1998,4.2 Safety Provisions for Personnel In Refrigerated Spaces. This section provides an extended list that covers the items related to safety of personnel in refrigerated spaces, this could be used as a guide when designing deemed to comply outcomes.
- The respective building surveyor is to sign off the room safety provisions, after the designer has confirmed compliance.

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