

AMENDMENT NO. 2 NOVEMBER 2011
TO
IS 3087 : 2005 PARTICLE BOARDS OF WOOD AND
OTHER LIGNOCELLULOSIC MATERIALS (MEDIUM
DENSITY) FOR GENERAL PURPOSES — SPECIFICATION

(Second Revision)

(Page 2, clause 4) — Insert the following at the end:
content as Formaldehyde class E_1 and Formaldehyde class E_2 (see 9.7).'
'Each class and grade shall further be sub-classified based on the formaldehyde
[Page 3, clause 8.3, Sl No. (i) and (ii)] — Substitute the following for the

existing:

- | | | | |
|-----|---------------|------------------------|-----------------------------|
| i) | <i>Sl No.</i> | <i>LengthDimension</i> | ± 5 mm <i>Tolerance</i> |
| ii) | <i>Width</i> | | ± 5 mm |

(Page 3, clause 9.6) — Insert the following new clause at the end:

‘9.7 Formaldehyde Content

The formaldehyde content F_c , of the boards when tested in accordance with 11.11, shall meet the following limits:

- i) Formaldehyde class E_1 : $F_c \leq 8$ mg/100 g for oven dry board
- ii) Formaldehyde class E_2 : $8 < F_c \leq 30$ mg/100 g for oven dry board'

(Page 4, clause 10.2.1) — Insert the following new clause at the end:

‘10.2.2 From each particle board selected, samples shall be drawn for determination of formaldehyde content in accordance with 3.1 of IS 13745 and test pieces conditioned for 6 days at $27 \pm 2^\circ\text{C}$ and 65 ± 5 % relative humidity.’

(Page 4, clause 11.1, second line) — Substitute '11.11' for '11.10'.

(Page 5, clause 11.10) — Insert the following new clause at the end:

‘11.11 Test for Formaldehyde Content

The formaldehyde content in specimen prescribed in 10.2.2 and tested as prescribed in IS 13745 shall meet the limits specified in 9.7.’

[Page 5, clause 13.1(b)] — Substitute the following for the existing:

Designation of particle board and formaldehyde class;’

(Page 7, Annex A) — Insert the following new reference at the end:

<i>IS No.</i>	<i>Title</i>
13745 : 1993	Method for determination of formaldehyde content in particle board by extraction method called perforator method