

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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**DRAFT AMENDMENT NO. 1 MARCH 2025
TO
IS 14407 : 2023 ALUMINIUM CANS FOR BEVERAGES
(First Revision)**

(Page 1, clause 5.1) — Substitute ‘can shell stock’ for ‘can end stock’.

(Page 1, clause 5.2) — Substitute the existing clause with the following:

‘5.2 The temper of the aluminium alloy shall be as given in the table below (see Annex B for the temper designations).

<i>Component</i>	<i>Temper</i>
Body	H18 or H19
Shell	H48 or H49
Tab	H18, H19, H38, H39, H48 or H49

(Page 1, clause 5.3) — Substitute the existing clause with the following:

‘5.3 The mechanical properties of the alloys for the body shall be as given in Table 2A. The mechanical properties of the alloys for shell and tab shall be as given in Table 2B.’

(Page 2, clause 6.1.2.3) — Substitute ‘can end’ for ‘closure components’.

(Page 3, Table 1B) — Substitute ‘Can Shell Stock’ for ‘Can End Stock (Shell)’.

(Page 3, Table 2B) — Substitute the existing table with the following:

Table 2B Mechanical Properties of Aluminium Alloy for Can Shell and Tab

Sl No.	Temper	Tensile Test							
		Specified Thickness mm		Tensile Strength MPa		0.2% Proof Stress MPa		Elongation min. %	
		over	up to	Min	Max	Min	Max	A _{50mm}	A
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
i)	H18 or H38 or H48	≥ 0.2	0.5	345	-	-	-	1	-
ii)	H19 or H39 or H49	≥ 0.2	0.5	365	-	-	-	1	-

[Page 4, Table 3, Sl No. (i), col 4] — Substitute '88.40 or 88.50' for '88.50'.

[Page 4, Table 3, Sl No. (x), col 4] — Substitute '122.20 or 122.22' for '122.20'.

[Page 5, Table 4, Sl No. (i), col 4] — Substitute '57.00 or 57.15' for '57.15'.

[Page 5, Table 4, Sl No. (ii), col 4] — Substitute '59.41 or 59.44' for '59.41'.

[Page 5, Table 4, Sl No. (vi), col 4] — Substitute '59.30 or 59.31' for '59.3'.

[Page 5, Table 4, Sl No. (i), col 6] — Substitute '2.05 or 2.08' for '2.08'.

[Page 5, Table 4, Sl No. (v), col 6] — Substitute '2.07 or 2.08' for '2.07'.

[Page 5, Table 4, Sl No. (vi), col 6] — Substitute '2.07 or 2.08' for '2.07'.

[Page 5, Table 4, Sl No. (i), col 7] — Substitute '55.20' for '55.45'.

[Page 5, Table 4, Sl No. (ii), col 7] — Substitute '57.60' for '57.66'.

[Page 5, Table 4, Sl No. (v), col 7] — Substitute '55.20' for '55.25'.

[Page 5, Table 4, Sl No. (vi), col 7] — Substitute '57.60' for '57.66'.

[Page 5, Table 4, Sl No. (i), col 8] — Substitute '6.60 or 6.73' for '6.73'.

(Page 7, clause 7.3.1) — Substitute 'Representative sample of cans' for 'All cans'.