

BUREAU OF INDIAN STANDARDS

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Draft AMENDMENT NO. 3

TO

IS 15997 : 2012 LOW NICKEL AUSTENITIC STAINLESS STEEL PLATE, SHEET AND STRIP FOR UTENSILS AND KITCHEN APPLIANCES — SPECIFICATION

ICS No. 77.140.35

Alloy Steels and Forging Sectional Committee, MTD 16	Last date of comments: 15 Feb 2025
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(Page 1, clause 2) — Insert the following reference at appropriate place:

<i>'IS No.</i>	<i>Title</i>
IS 14650 : 2023	Unalloyed and alloyed steel ingot and semi-finished products for re-rolling purposes — Specification (first revision)'

(Page 1, clause 5) — Insert the following new clause as **5.2**:

'**5.2** Steels used for manufacturing the product covered in the standard shall conform to the requirements of IS 14650.'

(Page 2, Table 1) — Substitute the existing Table 4:

Table 1 Chemical Composition <i>(Clauses 8.1, 8.1.1 and 10.1)</i>											
Sl No.	Grade Designation		Constituents, <i>Percent</i>								
			C, <i>max</i>	Si, <i>max</i>	Mn,	Ni	Cr	S, <i>max</i>	P, <i>max</i>	Cu	N
i.	X10Cr15Mn9Cu2Ni1N	N 1	0.12	0.75	8.5 – 10.5	1-2	14.5-16.0	0.03	0.08	1.5-2.5	0.08-0.2
ii.	X8Cr16Mn8Cu2Ni2N	N 2	0.10	1.00	6.5 – 9.0	1.5 – 3.5	15.5-17.0	0.03	0.07	2-4	0.10-0.25
iii.	X8Cr16Mn7Cu2Ni4N	N 3	0.09	0.75	6 - 8	4-6	16.0-17.5	0.03	0.07	1.5-2.5	0.05-0.15
iv.	X06Cr15Mn10Cu2NiN	N5	0.12	1.0	9.5-11.5	0.45-0.95	14.0-16.5	0.03	0.10	1.5-2.5	0.10-0.25
v.	X06Cr14Mn10Cu1NiN	N6	0.12	1.0	9.25-11.5	0.25-0.95	13.5-16.0	0.03	0.10	1.0-2.0	0.10-0.25

vi.	X07Cr14Mn1 0CuNiN	N7	0.14	1.0	9.0- 11.5	0.20- 0.95*	13.5- 16.0	0.03	0.10	0.4- 0.8	0.10- 0.25
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NOTES

1. Elements not specified shall not be intentionally added to the steel without the agreement of purchaser except for the finish of the cast. All precautions must be taken to avoid addition of elements from scrap metal and raw material used in production of elements likely to affect Mechanical characteristics as well as the suitability for use of steel for utensils.
2. *Stainless steel of grade N7 may be supplied with Ni content 0.20-1.25, if agreed to between the manufacturer and the purchaser.