

BUREAU OF INDIAN STANDARDS

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DRAFT AMENDMENT NO. 1

TO

**IS 1660 : 2024 WROUGHT AND CAST ALUMINIUM
UTENSILS — SPECIFICATION**

(Second Revision)

Utensils Cutlery and Domestic Hardware
Sectional Committee, MED 33

Last date for receipt of
comments is: **24 October 2024**

(Page 1, clause 1.1, Note 3) — Insert the following after Note 3:

‘4 Accessories like separators/containers, idli plate, steamer plate, dhokla plate, etc., are not covered in this standard.’

(Page 1, clause 4.1, Note) — Substitute the following for existing:

‘NOTE — The material shall not contain more than 0.05 percent as metal of any toxic metals such as lead and cadmium. Supplier certificate is acceptable.’

(Page 1, clause 4.1.1) — Substitute the following for existing:

‘The lids, if provided shall comply to the requirements of IS 21 or IS 737 or S 617 or stainless-steel conforming to IS 5522/grades of IS 5522 as per IS 6911 or IS 15997/grades of IS 15997 as per IS 6911. The minimum thickness of the stainless-steel lid shall be 0.3 mm.’

(Page 2, clause 4.2) — Substitute the following for existing:

‘The strips shall be manufactured from material conforming to IS 21 or IS 737. Stainless steel handles, rivets and fittings may also be used, which shall comply IS 6527 or IS 6911 as applicable.’

(Page 2, clause 4.6) — Substitute the following for existing:

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‘The strips used for flame guards shall be manufactured from material conforming to IS 737 or IS 21 or IS 1285 or stainless steel as per IS 6911.’

(Page 2, clause 5.2) — Substitute the following for existing:

‘In case of wrought aluminum utensils specified in **1.1(a)**, **1.2** and **1.3**; the permissible reduction in the thickness of the finished utensils, taking into account the pressing or spinning process, shall not be more than 20 percent for pressing and 60 percent for spinning on the nominal sheet thickness specified as per Table 1, or **3.1.2**.’

(Page 2, clause 5.2) — Substitute the following for existing:

‘For thick bottom utensils, the wall thickness can go up to 60 percent reduction, however, the bottom thickness cannot exceed 5 percent of minimum sheet thickness.’

(Page 3, clause 8.7) Substitute the following for existing:

‘The cookware, if coated with powder coating or ceramic coating or high temperature resistant liquid coating or PTFE coating, fully or partially externally, shall conform to the thickness test, adhesion test as per IS 9730. The coating shall comply with IS 9806. The minimum thickness of the coating shall be 30 microns (powder coating) and 15 microns (ceramic coating, PTFE coating and high temperature resistant liquid coating). The externally coated cookware shall be subjected to thermal shock test as given in **8.7.1**.’

(Page 2, clause 8.8) — Substitute the following for existing:

‘Requirements of PTFE, ceramic coating, powder coating, and high temperature resistant liquid coating are as follows:

The material shall not contain more than 0.05 percent as metal of any toxic metals such as lead, cadmium, mercury, arsenic or chromium (VI).

NOTE — Supplier certificate is acceptable.’

(Page 5, clause 11.1) — Substitute the following for existing:

‘Each utensil shall have the following details:

- a) Capacity in litre/millilitre or size in cm/mm of utensil;
- b) Thickness of sheet (mm) or Classification;
- c) Material grade (Lid-SS 304 or Al 19000, Body-SS 304 or Al 19000) ;
- d) Manufacturer name or initials or trademark; and

e) Batch number

NOTES

- 1 The details can be marked in the form of a sticker/leaflet in case it cannot be stamped, embossed or etched.
- 2 For cooking utensils, (a), (b), (d), to be marked on utensils only, (c) and (e) can be marked on primary packaging.
- 3 For other utensils not used for cooking, (b) and (d) to be marked on utensils only, (a), (c), and (e) can be marked on primary packaging.
- 4 Details can also be put up on primary packaging for lid.
- 5 Details can be put on primary packaging for small utensils.†