



उत्पाद मैनुअल
आई एस 14756: 2024 के अनुसार
स्टेनलेस स्टील के बर्तन के लिए

दस्तावेज संख्या - पी एम/आई एस 14756/8 / अप्रैल 2026

भारतीय मानक ब्यूरो की स्कीम-I (अनुरूपता मूल्यांकन) लवलनयम, 2018 के तहत यह उत्पाद मैनुअल प्रमाणीकरण के प्रचालन में रीलत और पारदर्शिता की सुसंर्तता सुलनलित करने के ललए सभी क्षेत्रीय/शाखा कायागलयों और लाइसेंसी द्वारा संदभग सामग्री के रूप में उपयोर् दकया जाएर्ा। बीआईएस प्रमाणीकरण लाइसेंस/प्रमाणपत्र प्राप्त करने के इच्छु क भावी आवेदकों द्वारा भी इस दस्तावेज का उपयोर् दकया जा सकता है ।

**PRODUCT MANUAL FOR
STAINLESS STEEL UTENSILS
ACCORDING to IS 14756:2024**

Document No.- PM/IS 14756/8/April 2026

This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure coherence of practice and transparency in operation of certification under Scheme-I of Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 for various products. The document may also be used by prospective applicants desirous of obtaining BIS certification licence/certificate.

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1.	Product	:	IS 14756: 2024
	Title	:	Stainless Steel Utensils
	No. of Amendments	:	One
2.	Sampling Guidelines:		
a)	Raw material	:	a) Body- • Stainless Steel - IS 5522 or IS 15997 • 3 Ply construction:- IS 18755 or material complying with Cl. 6.4 and Cl. 6.6 of IS 14756 • Stainless steel with exterior plastic moulding b) Material for composite bottom - IS 15960 c) Handles – IS 13395 d) Lid- • Stainless steel Lid- IS 5522 or IS 15997 • Tempered glass Lid- As per Cl. 3.5 of IS 14756 - Stainless steel rim of the glass lid- as per Cl. 3.5 • Plastic lid- IS 9845
b)	Grouping guidelines	:	Please refer ANNEX – <u>A</u>
c)	Sample Size	:	• 2 Pcs • 5 Pcs for varieties where additional tests are applicable
3.	List of Test Equipment	:	Please refer ANNEX – <u>B</u>
4.	Scheme of Inspection and Testing	:	Please refer ANNEX – <u>C</u>
5.	Possible tests in a day	:	All test except Staining Test.
6.	Scope of the Licence	:	Please refer ANNEX – <u>D</u>
7.	Any other product specific guidelines	:	Please refer ANNEX-E- “Requirements for firms involved in manufacturing/ job working/ processing/ packing/ branding of Stainless Steel Utensils to implement the “Cookware, Utensils and Cans for Foods and Beverages (Quality Control) Order, 2024”

ANNEX A

Grouping Guidelines

1. Stainless-Steel Utensils as per IS 14756 shall be grouped based on the following:
 - a. Type of Utensils
 - Cooking utensils
 - Serving utensils
 - Table utensils
 - Storage utensils
 - Cooking and Serving Utensil (CS)
 - b. Class
 - Domestic
 - Commercial
 - c. Body material
 - Stainless Steel-
 - Stainless steel with exterior plastic moulding
 - Stainless steel without exterior plastic moulding
 - 3 Ply Construction material
 - d. Type of Bottom (Base)
 - Composite Bottom
 - Copper electro-deposited
 - Cladded Base
 - Copper clad 2 ply and 3 ply
 - Aluminium clad 2 ply and 3 ply
 - Without Composite Bottom
 - e. Handle - With or without handle
 - f. Lid
 - With Lid
 - Stainless Steel Lid
 - Tempered glass Lid (With stainless steel Rim/ Without stainless steel Rim)
 - Plastic Lid
 - Without Lid
 - g. External Coating of cookware
 - Powder coated
 - Ceramic coated
 - High temperature resistant liquid coated
 - h. Non-stick unreinforced coating or ceramic coating of cooking and Serving Utensils (CS)
2. The guidelines given below shall be followed for GoL/CSoL:
 - a) For covering all types of Utensils (Viz. Cooking, Serving, Cooking and Serving, Table, Storage), One sample of Cooking or Cooking and Serving type (CS type) may be tested. In

case, Cooking or Cooking and Serving type is not desired to be covered in scope by manufacturer, then sample of any one of the remaining types i.e. Serving, Table or Storage may be tested to cover all these types of utensils.

- b) Any one class (domestic or commercial) may be tested to cover both classes. Utensil of any shape and dimension may be tested to cover all shapes and dimensions.
 - c) Sample of each body material (i.e. Stainless steel or 3-ply construction material) shall be tested separately. However, if sample of stainless steel with plastic moulding is tested, then stainless steel without plastic moulding can also be covered without separate testing.
 - d) For Composite Bottom utensils, sample of each type (Copper electro-deposited/Cladded base) shall be tested to cover that particular variety in the scope of licence. For Cladded base, sample of any base/construction shall be tested to cover all the varieties of Cladded base utensils. When a sample of Composite bottom is tested, then utensils without composite bottom may also be covered without further testing.
 - e) Sample of each Lid material (stainless steel, Tempered glass and Plastic), if provided, shall be tested separately to cover utensils with lids of all materials. However, if sample of utensil with lid is tested and found passing, then utensils without lid may also be covered without further testing. Also, if sample of lid with rim is tested and found passing, then lid without stainless steel rim may also be covered without further testing.
 - f) For externally coated Cookware, sample of each type of coating shall be tested separately.
 - g) For Non-stick unreinforced coated or Ceramic coated and Serving Utensils (CS type), sample of each type of coating shall be tested separately.
 - h) If coated cookware is tested then cookware without coating may also be covered without separate testing.
3. If utensil with handle is tested, utensils without handle may also be covered without further testing.
4. The Firm shall declare the varieties intended to be covered in the Licence. The Scope of Licence may be restricted based on the manufacturing capabilities of the Manufacturer.
5. During the operation of the Licence, BO shall ensure that all the varieties covered in the Licence are tested in rotation, to the extent possible.

ANNEX-B**List of Test Equipment**

Indicative list of major test equipment required to test as per the Indian Standard (For guidance only)

Sl. No.	Tests used in with Clause Reference	Test Equipment
1.	Shape and Dimension, Cl. 4.1	Measuring Scale Vernier Caliper
2.	Thickness of Utensils and material, Cl. 4.2 & 4.3	Micrometer
3.	Coating thickness test for externally coated cookware, Cl. 5.8	Testing reagents/arrangement as per IS 9730
4.	Adhesion test for externally coated cookware, Cl. 5.8	Knife or suitable Testing reagents/arrangement as per IS 9730
5.	Test for toxic metals for externally coated cookware as per IS 9806, Cl. 5.8	Testing reagents/arrangement as per IS 9806
6.	Dry heat test for externally coated cookware, Cl. 5.8.1	Gas stove
7.	Staining Test, Cl. 6.1	Hot Soapy Water Acetone or methylated Spirits Soft Cloth Conditioning Chamber Glacial Acetic Acid Distilled Water Sodium Chloride
8.	Mechanical Shock Test, Cl. 6.2	Arrangement for Mechanical Shock test equipped with Steel Ball of half a kilogram and dropping arrangement from a Height of 500mm
9.	Thermal Shock Test, Cl. 6.3	Oven
10.	Dry Heat Test, Cl. 6.4	Induction Heater Thermometer LPG Cylinder and Domestic Gas Stove
11.	Coating Thickness Test, Cl. 6.5	Coat Thickness meter
12.	Dry Heat Test (For 3 ply construction body utensil), Cl. 6.6	Hot air oven or any other equipment for heating sample
13.	Nominal capacity test, Cl. 6.7	Scale , Measuring jar of known capacity
14.	Fragmentation test, Cl. 3.5, Cl. 8.15.1 of IS 2347	Vitrified tile or smooth concrete surface, Transparent tape, Centre Punch

15.	Ball drop test, Cl. 3.5, Cl. 8.15.2 of IS 2347	Steel ball
16.	Thermal shock test, Cl. 3.5, Cl. 8.15.3 of IS 2347	Hot air oven
17.	Free fall test, Cl. 3.5, Cl. 8.15.4 of IS 2347	Vitrified tile or smooth concrete surface,
18.	Test for leaching as per Annex C	Stimulants and instruments/equipment as per Annex C of IS 14756
19.	Sensorial test as per Annex D	Stimulant as per Annex D of IS 14756

The above list is indicative only and may not be treated as exhaustive.

ANNEX C

Scheme of Inspection and Testing

1. QUALITY ASSURANCE PLAN

1.1 It is expected that during operation of BIS licence, manufacturers will implement a Quality Assurance Plan (QAP) i.e. a plan of regular testing and in-process controls, designed to ensure that the product bearing the Standard Mark conforms to all requirements of the Indian Standard.

1.2 The manufacturers shall define a Quality Assurance Plan (QAP) defining the control unit (i.e. lot/batch etc.), the levels of control (i.e. the frequency and number of samples for conducting the different tests as per the Indian Standard) and declare the arrangement for testing i.e. whether in-house or subcontracting/sharing for each applicable test and submit the same to BIS Branch Office for information. The manufacturer shall comply with the QAP and maintain test records in accordance with para2.1.

1.3 RECOMMENDED LEVELS OF CONTROL/CONTROLUNIT/Batch:

1.1.1 **Batch:** For the guidance of manufacturers, the recommended definition of Batch is quantity of Utensils of the same Type, Body material, Bottom type, Nominal capacity/Size, Handle and Lid manufactured from the same consignment of material and following the same manufacturing process.

1.3.1 For the guidance of manufacturers in preparing the Quality Assurance Plan, recommended levels of control are given in **Table 1**. Manufacturers have the discretion of declaring their own levels of control or accept the levels of control given in this document.

1.3.2 The manufacturer shall ensure inspection and testing as per the Quality Assurance Plan submitted for the whole production.

2. ENSURING COMPLIANCE THROUGH TESTING-Manufacturers shall ensure compliance of their products to all the requirements of the Indian Standard for which they may have in-house test facilities. However, there is no obligation to maintain in-house laboratory. Licensee may use alternative arrangements for tests of the production as per the declared QAP. Various alternatives are available for operation of BIS certification as given below and the relevant guidelines for availing such relaxations by the manufacturers, as amended from time to time, are to be referred:

- i) Shared testing resources like common facility,
- ii) Cluster based testing facility,
- iii) Sub-contracting to outside laboratories which may either be:
 - a) BIS recognised/empanelled laboratories, or
 - b) Any accredited laboratory as per ISO/IEC 17025

2.1 TEST RECORDS-The manufacturers shall maintain test records for the tests carried out

(either in-house or at a sub-contracted or at shared test facility) to establish conformity of the product to the Standard for operation of licence. For the tests being subcontracted or conducted at a shared test facility, test results issued by the laboratories or test facilities, shall be made available for inspection by BIS.

3. LABELLING, PACKING AND MARKING – Labelling, Packing and Marking shall be done as per IS 14756:2024. The Standard Mark as given in the Schedule of the licence shall be incorporated legibly and indelibly on each utensil, provided the product conforms to all applicable requirements of Indian Standard.

3.1 Additional Marking Requirements: Additionally, the following shall also be marked on product or package:

- a) “For BIS certification details please visit www.bis.gov.in”

4. REJECTION - The production which conforms to the Indian Standard and covered under the scope of this licence shall be marked with the Standard Mark. Disposal of non-conforming product shall be done in such a way so as to ensure that there is no violation of provisions of BIS Act, 2016.

5. Requirement for Procurement of unfinished/semi-finished utensils: In case of procurement of unfinished/semi-finished utensils for further processing (*This includes Silver touching/matt finishing/handle fixing, etc. among other finishing operations*) by BIS licensee manufacturer, test certificate of raw material used by the supplier shall always be obtained for every consignment. In all such cases the onus of ensuring conformity of the raw material as per IS 14756 shall be on the BIS licensee manufacturer. There shall be proper traceability of invoices with the test certificates of corresponding consignment of material. As a cross check on conformity of material, the BIS licensee manufacturer may also get the raw material of body of utensil tested for chemical requirements once in a month or as felt necessary for every such supplier of unfinished/semi-finished utensils.

TABLE 1

(1)				(2)	(3)		
Test Details				Test equipment requirement R: required (or) S: Sub-contracting permitted	Levels of Control		
Cl.	Requirement	Test Method			No. of Sample	Frequency	Remarks
		Clause	Reference				
3	Material	3.1 to 3.7	IS 14756 IS 5522 IS 6911 IS 15997 IS 15960 IS 18755 IS 9845	S	One	Each Consignment	No further testing is required if accompanied with Test Certificate or ISI marked. Also See Para 5 of this Scheme regarding conformity requirement in case utensil is purchased in unfinished/semi-finished condition.
4	Shapes and Dimensions	4.1	IS 14756	R	One	Every batch	
		4.2, 4.3 Table 1	IS 14756	R	Three	Every batch	
5	Workmanship and Finish	5.1, 5.2 and 5.3	IS 14756	R	Each Utensils		
	Handles (if required)	5.4	IS 14576 IS 13395	S	One	Each Consignment	No further testing is required if accompanied with Test Certificate or ISI marked.
5.7, 5.8For externally coated cookwares							
	Coating thickness test	5.8	IS 14756 IS 9730	S	One	Once in a month for each type of coating	
	Adhesion test	5.8	IS 14756 IS 9730	S	One		
	Limit of toxic metals	5.8	IS 14756 IS 9806	S	One		
5.8.1	Dry heat test	5.8.1	IS 14756	S	One		
6	TESTS						
6.1	Staining Test	6.1	IS 14576	R	One	Once in a year	

6.2	Mechanical Shock	6.2	IS 14576	R	One	Once in a month or one in 50000 utensils, whichever is earlier	For cladded utensils only
6.3	Thermal Shock	6.3	IS 14576	R			
6.4	Dry Heat Test	6.4	IS 14576	R			
6.5	Coating Thickness Test	6.5	IS 14576	R	One		For electro-deposition of copper
6.6	Dry Heat Test	6.6	IS 14756	R	One		For 3 ply construction body utensil
6.7	Nominal Capacity test	6.7	IS 14756	R	One	Every batch	
3.5	Tests on tempered glass lid						
5.8.1	Fragmentation test	5.8.1	IS 2347	S	One lid from each lot of same thickness	No testing required if received ISI Marked or with test certificate	
5.8.2	Ball drop test	5.8.2	IS 2347	S			
5.8.3	Thermal shock test	5.8.3	IS 2347	S			
5.8.4	Free fall test	5.8.4	IS 2347	S			
3.5	Additional tests for Stainless Steel material made from IS 15997						
	Test for leaching	Annex C	IS 14756	S	One	Once in 3 months	
	Sensorial test	Annex D	IS 14756	S	One	Once in 3 months	

ANNEX D**Scope of Licence**

“Licence is granted to use Standard Mark as per IS 14756:2024 with the following scope:	
Name of the product	Stainless Steel Utensils
Type of Utensil	
Body material	
Class (Domestic/ Commercial)	
Type of bottom	
With Lid/Without Lid	
Material of Lid (For utensils with Lid)	
With handle/Without handle	
For cookware, if externally coated, type of coating	

ANNEX-E**Requirements for firms involved in manufacturing/ job working/ processing/ packing/ branding of Stainless Steel Utensils to implement the “Cookware, Utensils and Cans for Foods and Beverages (Quality Control) Order, 2024”**

This has reference to the Cookware, Utensils and Cans for Foods and Beverages (Quality Control) Order, 2026 (QCO) issued by, Ministry of Steel, Government of India., vide which Stainless Steel Utensils are compulsorily required to conform to Indian Standard IS 14756 and to bear the Standard Mark under a license from the Bureau as per Scheme-1 of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018. Copy of the QCO is attached as Annex-1.

2. As per the QCO, Bureau of Indian Standards (BIS) is the certifying and enforcing authority.
3. As per the QCO, Stainless Steel Utensils shall conform to Indian Standard IS 14756 and shall bear the Standard Mark (ISI) under a license from the Bureau as per Scheme-1 of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018.
4. Licence under Scheme-1 of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018 is granted by BIS at a manufacturing premise after due assessment of manufacturing facilities and ascertaining conformity of utensil to the requirements of Indian Standard IS 14756.
5. In this regard, considering the manufacturing scenario of Stainless steel Utensils in the country as known from the manufacturing/trading associations, and realizing that quality of raw material of body of utensil used in manufacturing of these utensils is critical, following requirements are laid down for various firms engaged in this sector to ensure implementation of the QCO:

A. Raw material compliance requirement as per IS 14756: 2024 for all manufacturers (whether procuring raw material by themselves or receiving raw material from other firms for manufacturing of utensils) - As per IS 14756, the stainless steel used for manufacture of Utensils shall conform to IS 5522 (Indian standard on “Stainless Steel Sheets and Strips for Utensils”) or IS 15997 (Indian Standard on “Low nickel austenitic stainless steel sheet and strip for Utensils and Kitchen appliances”). Both of these raw materials are already under compulsory BIS Certification under “Steel and Steel Products (Quality Control) Order” issued by Ministry of Steel, Government of India and cannot be sold without BIS Standard Mark (ISI). Therefore, all utensil manufacturers, whether procuring raw material by themselves or receiving raw material from other firms for manufacturing stainless steel utensils, shall ensure that the raw material is with BIS Standard mark (ISI) and is received along with test certificate. Proper traceability of usage of BIS Certified raw material shall be maintained at all stages. The above shall be complied with by all manufacturers, whether manufacturing finished utensils or semi-finished utensils.

B. For firms manufacturing the stainless steel utensils (whether doing all processes in- house or buying un-finished/semi-finished utensils and processing further):

- a) Firms manufacturing the stainless steel utensils (whether doing all processes in- house or buying un-finished/semi-finished utensils and processing further) are under obligation to obtain BIS licence at the manufacturing premise as per the QCO. Guidelines for grant of licence are available at following link on BIS website: <https://www.bis.gov.in/wp-content/uploads/2023/03/GoL-Guidelines-06March2023.pdf>

- b) In case of procurement of unfinished/semi-finished utensils for further processing (*This includes Silver touching/matt finishing/handle fixing, etc. among other finishing operations*) by BIS licensee manufacturer, test certificate of raw material used by the supplier shall always be obtained for every consignment. In all such cases the onus of ensuring conformity of the raw material as per IS 14756 shall be on the BIS licensee manufacturer. There shall be proper traceability of invoices with the test certificates of corresponding consignment of material. As a cross check on conformity of material, the BIS licensee manufacturer may also get the raw material of body of utensil tested for chemical requirements once in a month or as felt necessary for every such supplier of unfinished/semi-finished utensils.

C. For firms doing job-working on raw material supplied by other firms and then supplying utensils to other firms in unfinished/semi-finished conditions :

Any firm doing job-working on raw material supplied by other firms, but does not carry out finishing operations, can supply the utensils in unfinished/semi-finished condition (*This includes supply of utensils in unpolished condition or without handles etc. among other semi-finished conditions*).

Such firms cannot be granted BIS licence. Such firms can do the job-work **only** for those manufacturers who have been granted BIS licence as per IS 14756. In such cases, the firm shall ensure that the raw material of body of utensil used for manufacturing utensils shall conform to the requirements of materials specified in IS 14756. Test certificate of corresponding consignment of raw material shall be supplied along with each consignment of unfinished/semi-finished utensils. There shall be proper traceability of invoices with the test certificates of corresponding consignment of material.

It is re-iterated that such firms can supply these unfinished/semi-finished utensils **only** to those manufacturers who have BIS licence for Stainless Steel Utensils” as per IS 14756, so that the conformity of finished utensil is ensured through BIS Certification. Such firms shall not sell unfinished/semi-finished utensils in the open market/customer.

D. For firms procuring raw material by itself, carrying out spinning/drawing etc. operations and then supplying utensils to other firms in unfinished/semi-finished conditions :

Any firm procuring raw material by itself, carrying out spinning/drawing etc. operations, but does not carry out finishing operations, can supply the utensils in unfinished/semi-finished condition (*This includes supply of utensils in unpolished condition or without handles etc. among other semi-finished conditions*).

Such firms cannot be granted BIS licence. However, in such cases also, the firm shall ensure that the raw material of body of utensil used for manufacturing utensils shall conform to the requirements of materials specified in IS 14756. Test certificate of corresponding consignment of raw material shall be supplied along with each consignment of unfinished/semi-finished utensils. There shall be proper traceability of invoices with the test certificates of corresponding consignment of material.

Such firms can supply these unfinished/semi-finished utensils **only** to those manufacturers who have BIS licence for Stainless Steel Utensils” as per IS 14756, so that the conformity of finished utensil is ensured through BIS Certification. Such firms shall not sell unfinished/semi-finished utensils in the open market/customer.

E. For firms which are not doing any manufacturing and buying utensils under their own brand name and selling them in market:

i. BIS licence cannot be granted to them as they are not manufacturers. However, such firms shall buy only BIS certified utensils as per the QCO and ensure that each utensil bears BIS Standard mark with BIS licence no. as per the QCO.

ii. For Packer of utensils: Packers purchase the utensils and pack them under their own or other brand names. They are not manufacturers and hence are not granted BIS Certification licence. Such firms shall ensure that they purchase only ISI Marked individual utensils and ensure that each utensil bears BIS Standard mark with BIS licence no., as per the QCO. They shall also ensure that on such packages, following shall be marked: “Set contains ISI Marked utensils inside”. The details of utensils with their corresponding BIS Certification Marks licence Number for each item packed inside, shall also be marked on the package.