

CENTRAL MARKS DEPARTMENT-III

Our ref: CMD-III/16: IS 2347

09 May 2024

Subject: Identification of Critical/Non-critical parameters of Indian Standards: Guidance list of non-critical parameters of Indian standard – IS 2347- Domestic Pressure Cooker

This has reference to the subject mentioned above.

2. In this regard, the guidance list of non-critical parameters of Indian standard IS 2347: 2023 have been prepared and is given below for guidance of BOs while dealing with non-conformity of samples of the product drawn during factory and market surveillance by BIS.

Guidance list of non-critical parameters for “Domestic Pressure Cooker” as per IS 2347: 2023

S.N.	Parameter identified as Non-critical	Clause	Prescribed Requirements as per Standard
1.	Staining test for Stainless steel Cooker	5.1.3, 7.1.3	If stainless steel pressure cooker is provided with composite bottom, the composite bottom shall conform to IS 15960.
2.	tests for hard anodizing surface	Annex- E, Cl. 7.4	The cooker, if hard anodized, fully or partially, shall satisfy the requirements as given in Annex E. The requirements of Annex E shall be applicable only to the anodized portions in the body and lid. Annex E is not applicable to other parts of pressure cookers
3.	External coating- Thickness of coating, Salt water corrosion, thermal shock	Cl. 8.11 of IS 2347, Cl. 7.2, Cl. 7.4 of IS 9730	The pressure cooker if coated with powder coating or ceramic coating or high temperature resistant liquid coating fully or partially externally, shall conform to the thickness test, salt water corrosion test, adhesion test as per IS 9730. The coating shall comply with IS 9806. The minimum thickness of the coating shall be declared by the manufacturer. The externally coated cooker shall be subjected to thermal shock test as given at 8.11.1.1 . 8.11.1.1 Dry heat the cooker body on gas stove to 220(+5, -0) °C and then quench in water at ambient temperature. Repeat the test 25 times. There shall be no blistering of coating from the cooker during or on completion of 25 gas heat cycles.
4.	Internal coating- Visual defects, Thickness of coating, Non-stick quality, Salt water corrosion,	Cl. 8.12 of IS 2347, Cl. 4.2, 4.3, 4.4 & 4.5 of IS 9730	The pressure cooker, if coated with non-stick coating internally, the non-stick coating shall conform to IS 9730
5.	Marking	Cl. 11.1 (b); Cl. 11.1 (d) Cl. 11.2	Each Cooker shall be permanently marked on the body: (b) Gross capacity (d) Batch number Each Cooker shall be permanently marked on the lid: the name or recognized trade-mark of the manufacturer

3. All other parameters, excluding the above parameters, are to be treated as critical parameter.
4. It is re-iterated that the above list is for guidance only.

However, while dealing with non-conformity of a specific sample, in case BO is of the view that a particular parameter identified as critical, may be treated as non-critical parameter, the same may be considered as non-critical with approval of BO (Head) with reasons recorded for that specific situation. Similarly, while dealing with non-conformity of a specific sample, in case BO is of the view that a particular parameter identified as non-critical, may be treated as critical parameter, the same may be considered as critical with approval of BO (Head) with reasons recorded for that specific situation.

All such deviations shall be informed to CMD-III through DDGR.

5. Further, in general, if any change in the above classification of non-critical/ critical parameters is felt necessary by a BO, the proposal for the same may be forwarded to CMD-III through DDGR with technical justification.
6. It may be noted that the categorization into critical/non-critical parameters is solely for the purpose of operation of BIS Certification while dealing with the non-conformity of samples drawn by BIS during factory and market surveillance. While communicating any non-conformity to the licensee, BIS shall not communicate whether the non-conformity is in a critical/non-critical requirement. For manufacturers holding BIS licence, compliance to all applicable requirements as per the Indian standard IS 2347:2023 shall be mandatory and all requirements to be treated as equally significant by the manufacturers.
7. The above guidelines are for BIS internal use only.
8. This is for information of all BOs.

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Circulated to: ROs/BOs