

के.मु.वि-2/16: 5557 (Part 1)

दिनांक 10/01/2025

विषय: संशोधित आई एस IS 5557 (Part 1):2024 के अनुपालन के दिशानिर्देश

- 1) यह उपरोक्त विषय के संदर्भ में है।
- 2) सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।
- 3) सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की दिशानिर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(अमित चौधरी)
वैज्ञानिक D

प्रमुख (केमूवी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 5557 (Part 1)

10/01/2025

Subject: Guidelines for Implementation of revised IS 5557 (Part 1):2024 (All Rubber Gum Boots and Ankle- Part 1 Safety and Protective)

1. This has reference to the subject mentioned above.
2. The Competent Authority has approved the enclosed Guidelines for implementation.
3. All BOs are requested to inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard.

(Amit Choudhary)
Scientist-D

Head(CMD-2)

All ROs/BOs/ CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 5557 (Part 1)

10/01/2025

Subject: Guidelines for implementation of IS 5557 (Part 1) : 2024, All Rubber Gum Boots and Ankle-Part 1 Safety and Protective)

1. IS 5557 : 2004, All Rubber Gum Boots and Ankle- Part 1 Safety and Protective, has been revised to IS 5557 (Part 1):2024.
2. IS 5557 (Part 2): 2018 for All Rubber Gum Boots and Ankle Boots covers the specifications for occupational rubber boots. It was stated in the forward of the IS that IS 5557 (Part 1), will cover the specifications for safety and protective rubber boots.
3. IS 5557 : 2004, All Rubber Gum Boots and Ankle- Part 1 Safety and Protective, and IS 5557 (Part 1):2024 are under concurrent running till 29th January 2025 and the last date for implementation of revised IS 5557 (Part 1) : 2024 is 29th January 2025.
4. The product in under mandatory certification. There are currently 2 Licence in India for IS 5557 : 2004, one each under KKBO-II and FRBO. There is no application pending for GOL in India against the IS.
5. The major changes in IS 5557 (Part 1) due to the revision in comparison to IS 5557 : : 2004 is given below for general guidance:

Major Changes in IS 5557 : 2004 in comparison to revised IS 5557 (Part 1):2024

Cl 1	First para of the Cl is modified and the second para stating that <i>This standard is not intended to cover boots for protection against electrical shock.</i> has been removed
Cl 3	In place of giving reference to IS 2050 for definition on terminology, various terminologies has now been defined under the clause
Cl 4	Heading of the Clause has been changed from ' Classification ' to ' type and variety ' The designation of Type and variety has been interchanged. Variety 3 for Industrial protective rubber ankle boots is now covered under Type 1 — Ankle boots. Variety 1 for Industrial protective rubber knee boots and Variety 2 for Industrial protective rubber half knee boots and now been covered under Type 2 — Wellington/Gum boots. Type 1 for Non-oil resistant boots is now covered under Variety 3 — For general use (non-oil resistance); Type 2 for Oil resistant boots is now covered under Variety 1 — Oil and grease resistance. A new variety, Variety 2 — For use in fire and explosive prone areas including mining operations, has now been provided in the Standard
Cl 6	For size, the IS has now referred to Table 8 and Table 9 of IS 1638 for women's and men's lasts, respectively
Cl 7	The Clause on Construction has been modified providing for both manufactured by injection/compression and in conventional assembly, as suitable through the process of vulcanization of rubber compound. It now been given that a pair of insocks shall be provided with the boots
Cl 8	Under the Clause for material, tests for Coated Binding Material, Thread for Upper Closing, Upper, Outsole, Insocks has been given under separate sub heading Test for Resistance to Hot Contact has been added (applicable to Outsole/Heel). In addition, test for Adhesion Test for Rubberized Textile Upper, Upper Outsole Bond

	Strength, Compression Resistance of Safety Footwear, Banned Chemicals, Slip Resistance, Corrosion Resistant Test for Toe Caps have been given. In the revised IS for the test of flexing and thickness, requirements for polymeric material has been given in addition to the requirements for Rubber. Under table 3, only two tests have been made applicable for Rubber components in place of 7 requirements (including relative density, tensile, elongation, etc.) given under table 2 in the old version
Cl 9	Optional requirements of Penetration Resistance, Antistatic Footwear, Flame Resistance Property, Electrical Resistance, Resistance to Acid and Alkali has been added
Cl 10	New Clause on FINISH OF BOOTS has been added

6. The existing Product manual has been revised to incorporate the changes due to the revised IS and it is being circulated separately, through BIS website, as Product Manual Doc: PM/IS 5557 (Part 1) /2 January 2025.

7. The guidelines for implementation of the revised IS are as given below:

A. LICENSEES:

- a) Licensee shall implement the revised Indian Standard by 29th January 2025. Any difficulty in implementation shall be brought to the notice of CMD-2 within 30 days from the date of issuance of these guidelines. BO shall ensure that the no Licence is under operation as per IS 5557 : 2004 (old standard) after 29th January 2025. The status of implementation of the revised Indian Standard shall be confirmed by Head (BO) to CMD-II within two weeks of the last date of implementation of concurrent running.
- b) There has been change in the classification of boots and requirements laid down for the materials in the IS. Licensee is required to submit evidence of conformity through In-house/Independent Test Reports.
- c) BOs shall change scope of Licence as per the revised IS and the PM. Existing Variety 3 for Industrial protective rubber ankle boots shall be converted to Type 1 — Ankle boots, whereas existing Variety 1 for Industrial protective rubber knee boots and/or Variety 2 for Industrial protective rubber half knee boots shall be converted to Type 2 — Wellington/Gum boots. Similarly, Type 1 for Non-oil resistant boots to be converted to Variety 3 — For general use (non-oil resistance); and Type 2 for Oil resistant boots to be converted to Variety 1 — Oil and grease resistance. For covering Variety 2 (For use in fire and explosive prone areas including mining operations), and the optional requirements in the scope of Licence, case shall be processed as per the CSOL guideline.
- d) Licensee shall submit declaration for additional Testing equipment in Form no 2 as applicable, if testing of the parameter is done inhouse or submit details of arrangement for testing of the parameters from independent lab (Subcontracting of the tests), in accordance with the Scheme of Inspection and testing/QAP submitted by manufacturer. (Not applicable for Micro and small-scale units who have availed exemption from in-house testing)

- e) Verification of implementation of IS 5557 (Part 1): 2024, shall be done through a surveillance visit preferably within 30 days of confirmation of implementation of the standard by licensee.
- f) If the Licensee fails to complete all actions by 29th January 2025, it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- a) Existing Applications for GOL where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old standard i.e. IS 5557 : 2004. A declaration may be obtained from the Applicant that the Licence, if granted shall be switched over to IS 5557 (Part 1) : 2024 before the last date of concurrent running of the ISs. BOs shall ensure that such licenses granted are switched over to the IS 5557 (Part 1) : 2024 before the last date of withdrawal of IS 5557 : 2004, i.e., 29th January 2025. If, however, the Applicant is desirous of considering the Application as per IS 5557 (Part 1) : 2024, a declaration may be obtained from the Applicant to the effect and the Application may be processed accordingly. An undertaking from such Applicants shall also be obtained that if the sample fails considering IS 5557 (Part 1) : 2024, Licence will not be granted by BIS as per IS 5557 : 2004.
- b) Applications which are recorded henceforth may be processed as per the IS 5557 : 2004 / IS 5557 (Part 1) : 2024. Processing of Applications as per the old Standard, shall be permitted only upto 28th January 2025. For such cases Applicant shall give a declaration that they will switchover to IS 5557 (Part 1) : 2024 by 29th January 2025
- c) Beyond 29th January 2025, no Licence shall be granted as per IS 5557 : 2004.

C. CHANGE IN SCOPE OF LICENCE:

- i. For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
 - ii. However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only up to the date of switchover to the IS 5557 (Part 1) : 2024.
8. BOs are requested to circulate this guideline to licensees and applicants immediately within 7 days of issuance of this circular.
9. The above guidelines come into force with immediate effect.

(Amit Choudhary)
Scientist D

Head (CMD-2)
DDG(Certification)
Circulated to:
All RO/BOs
All other concerned - through BIS intranet