



उत्पाद मैनुअल  
भा. मा. 4386: 2022 के अनुसार  
पुटिंग शॉट्स के लिए  
दस्तावेज संख्या-पी एम/आई एस 4386/1/दिसंबर 2022

भारतीय मानक ब्यूरो की स्कीम-I (अनुरूपता मूल्यांकन) विनियम, 2018 के तहत यह उत्पाद मैनुअल प्रमाणीकरण के प्रचालन में रीति और पारिश्रिता की सुसंगतता सुनिश्चित करने के लिए सभी क्षेत्रीय/शाखा कार्यालयों और लाइसेंसी द्वारा संदर्भ सामग्री के रूप में उपयोग किया जाएगा। बीआईएस प्रमाणीकरण लाइसेंस/प्रमाणपत्र प्राप्त करने के इच्छुक भावी आवेदकों द्वारा भी इस दस्तावेज का उपयोग किया जा सकता है।

**PRODUCT MANUAL FOR  
PUTTING SHOTS  
ACCORDING to IS 4386:2022**

**Document No.-PM/IS 4386/1/ December 2022**

*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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## PRODUCT MANUAL FOR PUTTING SHOTS ACCORDING TO IS 4386: 2022

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|    |                                  |   |                                                                                                                                                                                                                                                                                                                                    |
|----|----------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | Product                          | : | IS 4386: 2022                                                                                                                                                                                                                                                                                                                      |
|    | Title                            | : | Putting Shots                                                                                                                                                                                                                                                                                                                      |
|    | No. of Amendments                | : | Nil                                                                                                                                                                                                                                                                                                                                |
| 2. | Sampling Guidelines:             |   |                                                                                                                                                                                                                                                                                                                                    |
| a) | Raw material                     | : | --                                                                                                                                                                                                                                                                                                                                 |
| b) | Grouping guidelines              | : | Putting Shots as per IS 4386 are classified into following types based on requirements of different age group:<br>WU18, WU20/SW, BU18, BU20, SM<br>Separate sample of Putting Shots of each type shall be tested to cover all types of Putting Shots in the scope for Grant of Licence (GoL) and change in Scope of Licence (CSoL) |
| c) | Sample Size                      | : | 1 No.                                                                                                                                                                                                                                                                                                                              |
| 3. | List of Test Equipment           | : | Please refer ANNEX –A                                                                                                                                                                                                                                                                                                              |
| 4. | Scheme of Inspection and Testing | : | Please refer ANNEX –B                                                                                                                                                                                                                                                                                                              |
| 5. | Possible tests in a day          | : | All tests                                                                                                                                                                                                                                                                                                                          |
| 6. | Scope of the Licence:            | : | Licence is granted to use Standard Mark as per IS 4386:2022 with the following scope:                                                                                                                                                                                                                                              |
|    | Name of product                  | : | Putting Shots                                                                                                                                                                                                                                                                                                                      |
|    | Type                             | : | WU18, WU20/SW, BU18, BU20, SM                                                                                                                                                                                                                                                                                                      |

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**ANNEX A****List of Test Equipment***Major test equipment required to test as per the Indian Standard*

| S.no. | Tests used in with Clause Reference |                                    | Test Equipment                            |
|-------|-------------------------------------|------------------------------------|-------------------------------------------|
|       | Cl. No.                             | Test                               |                                           |
| 1.    | 3.2, Table 1                        | Diameter                           | Scale or caliper                          |
| 2.    | 3.2, Table 1                        | Weight                             | Weighing balance                          |
| 3.    | 5, Fig.1                            | Test for center of gravity of Head | Scale, Apparatus as per Fig. 1 of IS 4386 |
| 4.    | 4.2                                 | Finish (Surface roughness)         | Surface roughness tester                  |

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

**ANNEX B**

**Scheme of Inspection and Testing**

**1. LABORATORY** - A laboratory shall be maintained which shall be suitably equipped (as per the requirement given in column 2 of Table 1) and staffed, where different tests given in the specification shall be carried out in accordance with the methods given in the specification.

**1.1** The manufacturer shall prepare a calibration plan for the test equipments.

**2. TEST RECORDS** – The manufacturer shall maintain test records for the tests carried out to establish conformity.

**3. LABELLING AND MARKING** – As per the requirements of IS 4386: 2022.

**4. CONTROL UNIT**- All Putting Shots of same type, manufactured under similar conditions from same consignment of raw material in a day shall constitute a control unit.

**5. LEVELS OF CONTROL** - The tests as indicated in column 1 of Table 1 and the levels of control in column 3 of Table 1, shall be carried out on the whole production of the factory which is covered by this plan and appropriate records maintained in accordance with paragraph 2 above.

**5.1** All the production which conforms to the Indian Standards and covered by the licence should be marked with Standard Mark.

**6. REJECTIONS** – 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.

**TABLE 1**

| (1)          |                                           |             |           | (2)                                                                                      | (3)               |                   |         |
|--------------|-------------------------------------------|-------------|-----------|------------------------------------------------------------------------------------------|-------------------|-------------------|---------|
| Test Details |                                           |             |           | Test equipment<br>requirement<br>R: required (or)<br>S: Sub-<br>contracting<br>permitted | Levels of Control |                   |         |
| Cl.          | Requirement                               | Test Method |           |                                                                                          | No. of<br>Sample  | Frequency         | Remarks |
|              |                                           | Clause      | Reference |                                                                                          |                   |                   |         |
| 3.2          | Weight                                    | 3.2         | IS 4386   | R                                                                                        | One               | Each Control Unit | --      |
|              | Diameter                                  | 3.2         | IS 4386   | R                                                                                        | One               | Each Control Unit | --      |
| 4            | Manufacture,<br>Workmanship and<br>Finish | 4           | IS 4386   | R                                                                                        | One               | Each Control Unit | --      |
| 5            | Test for center of<br>gravity of Head     | 5, Fig. 1   | IS 4386   | R                                                                                        | One               | Each Control Unit | --      |

Note-1: Sub-contracting is permitted to a laboratory recognized by the Bureau or Government laboratories empanelled by the Bureau.

Note-2: The control unit and levels of control as decided by the Bureau are obligatory to which the licensee shall comply with.