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उत्पाद मैनुअल  
रबड़ तले के कैनवास जूते— विशिष्टि

IS 3735 : 2025 के अनुसार

PRODUCT MANUAL

for Canvas Shoes, Rubber Sole - Specification  
ACCORDING TO IS 3735 : 2025

विभिन्न उत्पादों के लिए भारतीय मानक ब्यूरो) अनुरूपता मूल्यांकन (विनियम, 2018 की योजना -I के तहत प्रमाणन के संचालन में एकरूपता और पारदर्शिता के लिए इस उत्पाद मैनुअल का उपयोग सभी क्षेत्रीय / शाखा कार्यालयों और लाइसेंसधारियों द्वारा संदर्भ सामग्री के रूप में किया जाएगा। दस्तावेज़ का उपयोग बीआईएस प्रमाणन प्राप्त करने के इच्छुक संभावित आवेदकों द्वारा भी किया जा सकता है।

*This Product Manual shall be used as reference material by all Regional/Branch Offices & licensees to ensure uniformity 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.*

|    |                                             |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----|---------------------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1. | मानक संख्या<br>IS No.                       | : | IS 3735 : 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|    | शीर्षक<br>Title                             | : | Canvas Shoes, Rubber Sole - Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|    | संशोधनों की संख्या<br>No. of amendments     | : | NIL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 2. | नमूना दिशानिर्देश<br>Sampling Guidelines    |   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| a) | कच्चा माल<br>Raw material                   | : | Material to conform to Cl 5.1 (Material) of IS 3735:2025<br>Note: This section indicates the requirements for raw material (if specified in the IS) for which compliance is to be established during Grant of Licence/Change in Scope of Licence/Factory Surveillance                                                                                                                                                                                                                                      |
| b) | समूहीकरण दिशानिर्देश<br>Grouping Guidelines | : | One sample of any size from each type (Type 1/ Type 2) shall be tested to cover shoes of all sizes, subject to availability of testing and manufacturing facilities / capabilities                                                                                                                                                                                                                                                                                                                         |
| c) | नमूने का परिमाण<br>Sample Quantity          | : | 3 Pairs. Components to be provided separately if required<br>Note: This section indicates the quantity of the sample of the product and/or the raw material (if applicable), required to be sent to the laboratory for testing, for the purpose of Grant of Licence/Change in Scope of Licence/ Factory Surveillance (in case of market surveillance, effort may be made to procure the required quantity of product sample, as far as possible since raw material sample may not be available in market). |

|    |                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                          |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| d) | परीक्षण अनुरोध में घोषित किए जाने वाले पैरामीटर<br><b>Parameters to be Declared in Test Request</b>                                                                                                                                                                                                                                                                        | Type<br><br>Note: Apart from the above, any other requirements/parameters may also be declared as per the standard, as applicable.       |
| 3. | परीक्षण उपकरणों की सूची<br><b>List of Test Equipment</b>                                                                                                                                                                                                                                                                                                                   | : Please refer to Annex-A                                                                                                                |
| 4. | निरीक्षण और परीक्षण की स्कीम<br><b>Scheme of Inspection and Testing</b>                                                                                                                                                                                                                                                                                                    | : Please refer to Annex-B<br><br><b>Note: Please see Cl. 5 of the SIT for Applicability of SIT for Small and Micro Scale Enterprises</b> |
| 5. | <b>एक दिन में संभावित परीक्षण</b><br><b>Possible tests in a day</b> (on pre- conditioned samples as applicable)                                                                                                                                                                                                                                                            |                                                                                                                                          |
|    | All tests possible on conditioned samples as applicable<br><br>Note: This section is for the guidance of BIS Certification Officers/Technical Auditors of BIS Authorized Outside Surveillance Agencies (OSAs) during factory inspection to provide ready reference regarding the tests which can be witnessed during the inspection in the factory by the officer/auditor. |                                                                                                                                          |
| 6. | <b>लाइसेंस का दायरा /Scope of the Licence:</b>                                                                                                                                                                                                                                                                                                                             |                                                                                                                                          |
|    | *Licence is granted to use Standard Mark as per IS 3735: 2025 with the following scope:                                                                                                                                                                                                                                                                                    |                                                                                                                                          |
|    | Name of the product                                                                                                                                                                                                                                                                                                                                                        | Canvas Shoes, Rubber Sole                                                                                                                |
|    | Type                                                                                                                                                                                                                                                                                                                                                                       | Type1/Type 2                                                                                                                             |
|    | Sizes                                                                                                                                                                                                                                                                                                                                                                      | To be declared                                                                                                                           |

**BUREAU OF INDIAN STANDARDS**  
**MANAK BHAVAN, 9, BAHADUR SHAH ZAFAR MARG,**  
**NEW DELHI-110002**

**ANNEX- A**

**LIST OF TEST EQUIPMENTS**

***(INDICATIVE LIST, FOR GUIDANCE ONLY)***

| <b>Sl.No.</b> | <b>Tests used in with Clause Reference</b>                                                                    | <b>Test Equipment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.            | Breaking load, (Overlayer) SI i),<br>Breaking load, (Inner Layer), SI ii) CI 5.1.1 & Table 1 (warp/weft)      | constant-rate-of-extension (CRE) machine as per IS 1969:Part 1, Equipment, for cutting test specimens and for fraying, arrangement for standard atmospheric condition                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 2.            | Breaking load, (Overlayer) SI i),<br>Breaking load, (Inner Layer), SI ii) CI 5.1.1 & Table 1 (Ends/picks)     | Conditioning chamber, arrangement for standard atmospheric condition, thread counter (Method A, as per CI 5.1 of IS 1963)/ clams and forceps (method B, as per IS 1963)                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 3.            | Colour Fastness to daylight, CI 5.1.1.1                                                                       | <b><u>IS/ISO 105-B01</u></b><br>Exposure rack, opaque cardboard, grey scale, instruments for determining climatological data as per CI 4.2 of IS IS/ISO 105-B01 : 2014, references (blue wool)<br><b><u>IS/ISO 105-B02</u></b><br>Laboratory exposure devices as per 5.2 of IS/ISO 105-B02:2014. Black –standard thermometer/black-panel thermometer, humidity controller, Covers, Colour matching lamps, Assessment cabinet, Sample mounting card, Assessment mask, Grey scale for assessing change in colour, blue wool reference material (CI 5.1), water of quality Grade 3 minimum in accordance with ISO 3696 |
| 4.            | Color Fastness to mechanical washing (mild), CI 5.1.2.1                                                       | mechanical laundering device as per CI 4.1 of IS/ISO 105-C10: 2006, balance, mechanical stirrer, Non-corrodible (stainless) steel balls, hot plate, soap as per CI 5.1 of the IS, sodium carbonate, soap solution, grade 3 water, adjacent fabric, non-dyeable fabric, Grey scales/spectrophotometer, balance, oven (for drying)                                                                                                                                                                                                                                                                                    |
| 5.            | Colour fastness to day light (cotton tapes), CI 5.1.2.1                                                       | Exposure rack, opaque cardboard, grey scale, instruments for determining climatological data as per CI 4.2 of IS IS/ISO 105-B01 : 2014, references (blue wool)                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 6.            | freedom from sulphur dyes, CI 4.1.2.1,<br>freedom from sulphur dyes (Laces), CI 4.1.5 [Annex B, IS 3735:1996] | Alkaline hydrosulphite solution, Stop watch,<br>Hot plate, Test tube<br>Stannous chloride solution, Lead acetate solution, Filter paper                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 7.            | Eyelets, CI 5.1.3                                                                                             | Vernier caliper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8.            | Breaking Strength (Laces), CI 5.1.4                                                                           | A tensile testing machine as per Annex K of IS 15844 (Part 1), – distilled or deionized water, conditioning chamber,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 9.            | Relative density, SI i) CI 5.1.5, Table 2                                                                     | Balance (LC-1 mg), Balance straddle, Beaker (250 ml), Copper wire, oven, sinker, cutting device                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

|            |                                                                                                    |                                                                                                                                                                                                                                                                                                                                                         |
|------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>10.</b> | Hardness Shore A, SI ii) CI 5.1.5, Table 2                                                         | IRHD pocket hardness meter as per CI 4.1 of IS 3400 (Part 23/Sec 2), thickness guage, scale, conditioning chamber                                                                                                                                                                                                                                       |
| <b>11.</b> | Flexing resistance (Initial crack/cut growth), SI iii) CI 5.1.5, Table 2                           | Ross flexing machine as per IS 3400 (Part 16), piercing tool and holder, rule, thickness guage, soap, conditioning chamber, cold chamber, arrangement to maintaining temp of 27 +/-2                                                                                                                                                                    |
| <b>12.</b> | Change in Initial Hardness, SI iv) CI 5.1.5, Table 2                                               | Air oven as per CI 4 of IS 3400 (Part 4) : 2012, apparatus as per CI 5 of IS 3400 (Part 2/Sec 2), thickness guage, arrangement for standard atmospheric condition                                                                                                                                                                                       |
| <b>13.</b> | Tensile strength, Elongation at break, SI v) & SI vi) CI 5.1.5, Table 2 and SI no i) & ii) Table 3 | Dies and cutters, thickness guage, cone guage, tensile testing machine as per 7.4 of IS 3400 Part 1, (oven in case of ageing)                                                                                                                                                                                                                           |
| <b>14.</b> | Construction, CI 5.3                                                                               | Vernier calliper                                                                                                                                                                                                                                                                                                                                        |
| <b>15.</b> | Adhesion test, CI 5.4                                                                              | <b><u>IS 3400 (Part 5)</u></b><br>Vernier calliper, arrangement for standard atmospheric condition<br><b><u>STATIC DEAD LOAD METHOD</u></b><br>supporting frame, testing clamps, mandrels, calibrated weights, and weight carriers, cutting tool, Steel scale                                                                                           |
| <b>16.</b> | Consolidation test, CI 5.5                                                                         | <b><u>IS 3400 (Part 5)</u></b><br>Vernier calliper, arrangement for standard atmospheric condition<br><b><u>STATIC DEAD LOAD METHOD</u></b><br>supporting frame, testing clamps, mandrels, calibrated weights, and weight carriers, cutting tool, Steel scale                                                                                           |
| <b>17.</b> | Abrasion Resistance, CI 5.6                                                                        | Abrasion machine as per 5.1 of IS 3400 (Part 3)/ ISO4649, abrasive sheet, Hollow drill, balance, standard reference compounds. Conditioning chamber, arrangement for keeping ambient temperature, standard reference compounds                                                                                                                          |
| <b>18.</b> | Slip Resistance, CI 5.7                                                                            | A slip resistance test machine incorporates as per E-4 of Annex E, with a secure attachment point, Dry, absorbent paper towel, conditioning chamber and arrangement to maintain room temperature at 27+-2 °C and requirements as per Annex N                                                                                                            |
| <b>19.</b> | Seam Strength, CI 5.8                                                                              | <b><u>IS 8085 (Part 13)</u></b><br><b><u>Method A</u></b><br>Tensile testing machine and Needle holding jig as per CI 4.1 of IS 8085 (Part 13), Seventeen needles, Press knife<br><b><u>Method B</u></b><br>Tensile testing machine as per CI 4.2 of IS 8085 (Part 13), Small sharp hand knife or scissors, press knife, Sewing machine and accessories |
| <b>20.</b> | Aromatic Amines Released from Azo dyes, CI 5.9                                                     | <b><u>IS 15570</u></b><br>High Performance Thin Layer Chromatograph (HPTLC), high Performance Liquid Chromatograph                                                                                                                                                                                                                                      |

|     |               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|-----|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|     |               | (HPLC) with Diode Array Detector (DAD), Gas Chromatograph-Mass Spectrometer (GC- MS), conditioning chamber, Methanol (HPLC Grade), Diethylether (HPLC Grade), Citrate-sodium Hydroxide Buffer Solution, Aqueous Sodium Dithionite Solution, Standard Amines of Highest Available Purity, Standard Amine Solutions, Calibration Solutions, Sodium Dithionite (Purified/LR), Sodium Sulphate (LR), 30 ml Reaction Vessel, Water Bath Shaker, Centrifugal Evaporator (Turbo Evaporator), ,5,2 and 1 ml pipettes (Class A), 60 ml Separating Funnel, 100 ml Beaker, 25 ml, 50 ml Burette (Class A), Amber Coloured Bottles for Reference Standard Solution |
| 21. | Mass, CI 5.10 | Weighing Scale                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Annex B

### 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 para 2.1.

#### 1.3 RECOMMENDED LEVELS OF CONTROL/CONTROL UNIT:

1.3.1 For the guidance of manufacturers, the recommended definition of control unit is : 50,000 pairs or Fortnight production (whichever is earlier), of the same variety, manufactured from the same raw material.

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

1.3.3 The manufacturer shall ensure inspection and testing as per the Quality Assurance Plan submitted by them on the whole production of the factory which is covered by this plan.

**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. PACKING AND MARKING** - The Standard Mark as given in the Schedule of the licence shall be incorporated legibly and indelibly on each shoe for each pair of shoe provided always that the material so marked conforms to each requirement of the specification.

3.1 Packing and Marking shall be done as per the Indian Standard.

**3.2 Additional Marking requirements:** Additionally, the following shall also be marked on product or package or both. The material shall also be marked (through tags/stickers or otherwise) with the following additional requirement on the package/Product:

a) "For BIS certification details please visit [www.bis.gov.in](http://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. Applicability of SIT for Small and Micro Enterprises (SMEs):**

5.1 Compliance to the Scheme of Inspection and Testing is OPTIONAL for Micro, and Small Scale Units with respect to the requirements for Clause 1(Quality Assurance Plan), Clause 2 (Ensuring Compliance through Testing). However, ALL units shall ensure compliance of their products to the requirements of the Indian Standard.

5.2 The requirements of SIT with respect to Clause 3 (Packing and Marking) and Clause 4 (Rejection) shall be followed by all.

**TABLE 1**  
**(Recommended Levels of Control By BIS- For Guidance Only)**

| (1)            |                                                    |                               |                                  | (2)               |                                                                                                                                                  |         |
|----------------|----------------------------------------------------|-------------------------------|----------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| Test Details   |                                                    |                               |                                  | Levels of Control |                                                                                                                                                  |         |
| Cl.            | Requirement                                        | Test Methods Clause Reference |                                  | No. of Sample     | Frequency                                                                                                                                        | Remarks |
| 5.1.1 & Table1 | Requirements for Over Layer and Inner Layer Fabric |                               |                                  |                   |                                                                                                                                                  |         |
| i)             | Breaking load, (Overlayer)<br>a) warp<br>b) weft   | -                             | IS 1969:Part 1                   | one               | Each consignment of material or Test Certificate from supplier/ Manufacturer                                                                     |         |
|                | c) Ends<br>d) picks/dm                             | -                             | IS 1963                          | -do-              |                                                                                                                                                  |         |
| ii)            | Breaking load, (Inner Layer)<br>a) warp<br>b) weft | -                             | IS 1969:Part 1                   | -do-              |                                                                                                                                                  |         |
|                | c) Ends<br>d) picks/dm                             | -                             | IS 1963                          | -do-              |                                                                                                                                                  |         |
| 5.1.1.1        | Colour Fastness to daylight                        | -                             | IS/ISO 105-B01 or IS/ISO 105-B02 | -do-              |                                                                                                                                                  |         |
| 5.1.1.2        | Color Fastness to mechanical washing (mild)        | -                             | IS/ISO 105-C10.                  | -do-              |                                                                                                                                                  |         |
| 5.1.2          | Binding Material                                   | -                             | IS 3735                          | -do-              | Manufacturer shall maintain adequate inspection and in process control, to ensure product meets specified requirements and maintain test records |         |
| 5.1.2.1        | Colour fastness to day light (cotton tapes)        | -                             | IS/ISO 105-B01                   | one               | Each consignment of material or Test Certificate from supplier/ Manufacturer                                                                     |         |

|                |                                                                   |         |                                            |                                                                                                                                                  |                                                                                                                                                                                                                                 |                                        |
|----------------|-------------------------------------------------------------------|---------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|                | Color Fastness to mechanical washing                              | -       | IS/ISO 105-C10                             | -do-                                                                                                                                             |                                                                                                                                                                                                                                 |                                        |
|                | freedom from sulphur dyes                                         | Annex B | IS 3735                                    | -do-                                                                                                                                             | Each consignment                                                                                                                                                                                                                | Applicable for black tapes Type 1 only |
| 5.1.3          | Eyelets                                                           | 5.1.3   | -do-                                       | Manufacturer shall maintain adequate inspection and in process control, to ensure product meets specified requirements and maintain test records |                                                                                                                                                                                                                                 |                                        |
| 5.1.4          | Laces General                                                     | 5.1.4   | -do-                                       |                                                                                                                                                  |                                                                                                                                                                                                                                 |                                        |
|                | Breaking Strength                                                 | Annex K | IS 15844 (Part 1)                          | one                                                                                                                                              | Each consignment                                                                                                                                                                                                                |                                        |
|                | freedom from sulphur dyes                                         | Annex B | IS 3735                                    | -do-                                                                                                                                             | -do-                                                                                                                                                                                                                            | Applicable for black laces             |
| 5.1.5, Table 2 | Physical Requirements for Rubber Components                       |         |                                            |                                                                                                                                                  |                                                                                                                                                                                                                                 |                                        |
| i)             | Relative density                                                  | Annex C | IS 10702                                   | -do-                                                                                                                                             | Each Consignment                                                                                                                                                                                                                |                                        |
| ii)            | Hardness Shore A                                                  | -       | IS 3400 (Part 23/sec 2)                    | -do-                                                                                                                                             | -do-                                                                                                                                                                                                                            |                                        |
| iii)           | Flexing resistance<br>a) Initial crack,<br>b) cut growth, percent | -       | IS 3400 (Part 16)                          | -do-                                                                                                                                             | -do-                                                                                                                                                                                                                            |                                        |
| iv)            | Change in Initial Hardness                                        | -       | IS 3400 (Part 4 and IS 3400 (Part 2/sec 2) | -do-                                                                                                                                             | -do-                                                                                                                                                                                                                            |                                        |
| v)             | Tensile strength                                                  | -       | IS 3400 Part 1                             | -do-                                                                                                                                             | -do-                                                                                                                                                                                                                            |                                        |
| vi)            | Elongation at break                                               | -       | IS 3400 Part 1                             | -do-                                                                                                                                             | -do-                                                                                                                                                                                                                            |                                        |
| 5.1.5.1        | The pattern and design (of rubber soles)                          | 5.1.5.1 | IS 3735                                    |                                                                                                                                                  | Manufacturer shall maintain adequate inspection and in process control, to ensure product meets specified requirements and maintain test pattern and design of rubber soles as agreed to between the purchaser and the supplier |                                        |

|                     |                                                               |                |                                        |                                                                                                                                                  |                                  |  |
|---------------------|---------------------------------------------------------------|----------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--|
|                     |                                                               |                |                                        |                                                                                                                                                  | records                          |  |
| 5.1.5.2,<br>Table 3 | Change in Physical Requirements for Rubber Soles After Ageing |                |                                        |                                                                                                                                                  |                                  |  |
|                     | Tensile strength                                              | -              | IS 3400 Part 1                         | One                                                                                                                                              | Each Consignment                 |  |
|                     | Elongation at break                                           | -              | IS 3400 Part 1                         | -do-                                                                                                                                             | -do-                             |  |
| 5.2                 | Shape & Design and Fittings                                   | -              | IS 3735                                | Manufacturer shall maintain adequate inspection and in process control, to ensure product meets specified requirements and maintain test records |                                  |  |
| 5.3                 | Construction                                                  | 5.3.1 to 5.3.8 | IS 3735                                |                                                                                                                                                  |                                  |  |
| 5.4                 | Adhesion test                                                 | -              | IS 3400 (Part 5) or Annex C of IS 3735 | One                                                                                                                                              | Each Control Unit                |  |
| 5.5                 | Consolidation test                                            | -              | IS 3400 (Part 5) or Annex C of IS 3735 | -do-                                                                                                                                             | -do-                             |  |
| 5.6                 | Abrasion Resistance                                           | -              | IS 3400 (Part 3)                       | One                                                                                                                                              | Once in three months             |  |
| 5.7                 | Slip Resistance                                               | Annex E        | IS 15844 (Part 1)                      | One                                                                                                                                              | Once in three months             |  |
| 5.8                 | Seam Strength                                                 | -              | IS 8085 (Part 13)                      | One                                                                                                                                              | Each Control Unit                |  |
| 5.9                 | Aromatic Amines Released from Azo dyes                        | -              | IS 15570                               | One                                                                                                                                              | Each consignment of raw material |  |
| 5.10                | Mass                                                          | -              | IS 3735                                | One                                                                                                                                              | Each Control Unit                |  |