

**CENTRAL MARKS DEPARTMENT – II (Legal)**

Our Ref: CMD-II/16: 5405

25 August 2014

**Subject: Finalization and Implementation of tentative STI and marking fee for Sanitary Napkins as per IS 5405:1980.**

SRO has finalized the STI for IS 5405:1980, Specification for Sanitary Napkins, being the first application on all India basis processed at CNBO(FCT). The tentative finalized STI DOC: STI/5405/1, July 2014 has been approved by DDGS as per circular no. 60/CNBO(FCT) dated 28-07-2014. A copy of the tentative finalized STI DOC: STI/5405/1, July 2014 is enclosed for perusal and comments. The comments if any may be forwarded direct to the custodian BO within 30 days for taking suitable action at their end. In case no comments are received by them, the custodian BO shall inform CMD-II with recommendation for treating the tentative STI as final for certification of IS 5405:1980.

The tentative marking fee as approved by DDGS has also been uploaded in the CMMS Master for implementation (copy enclosed).

(Sunil Kumar)

Sc. F

**To All BO's/RO's/SBO's/BIS Labs.**

**Copy to: i) Head ( ITSD)- With a request to host this circular with STI and marking fee on Intranet and Website.**

**ii) Head ( MHD)**

**iii) Head ( MSD)**

**SCHEME OF TESTING AND INSPECTION  
FOR  
CERTIFICATION  
OF  
SPECIFICATION FOR SANITARY NAPKINS (First Revision)  
ACCORDING TO IS 5405: 1980  
(Incorporating Amendment No. 1)**

**1. LABORATORY**

A laboratory shall be maintained which shall be suitably equipped and staffed where different tests shall be carried out in accordance with the methods given in the specification.

**1.1 CALIBRATION:**

All testing instruments shall be periodically checked and calibrated. Records of such checks/calibration shall be maintained.

1.1.1 The frequency of calibration of following instruments shall be as under:

- i) Mechanical shaker: Once in a year.
- ii) pH meter: Once in a year.
- vii) Weighing Balance: once in a year.

For all other instruments, if any: once in a year.

Calibration shall be done from NABL accredited laboratories wherever they are available in the same city. In case, where such laboratories are not available, traceability to a National Measurement System (NPL) to be ensured.

**2. TEST RECORDS**

2.1 All records of tests and inspection shall be kept as shown in Annexes.

2.2 Copies of any record and other related papers that may be required by the Bureau shall be made available at any time on request.

**3. QUALITY CONTROL**

3.1 It is recommended that, as far as possible, Statistical Quality Control methods may be used for controlling the quality of the product during production as envisaged in this Scheme [IS 397 (Part 1) to IS 397 (Part-4)].

3.2 In addition, efforts should be made to gradually introduce a Quality Management Systems in accordance with IS/ISO 9001.

**4. MARKING**

**4.1 STANDARD MARK**

The Standard Mark shall be as given in Column 1 of the First Schedule of the licence shall be clearly marked legibly on the label of the Carton provided always that the material on which this Mark is applied conforms to every requirement of the specification.

**4.2 Other Markings** – Each Carton shall be marked as follows and records maintained as per Table 8 of Annex A:

- i. Manufacturer's name or trade mark
- ii. Number of sanitary napkins
- iii. Size designation
- iv. Batch Number or serial number
- v. Best before use date

## **5. PACKING**

Sanitary napkins shall be packed in polyethylene lined carton or polyethylene bag. The carton shall contain an instruction leaflet or shall have the instructions printed on the outside of the polyethylene bag or carton as per clause 7.1 of IS 5405: 1980 and records maintained as per Table 8 of Annex A.

### **5.1 Instructions**

Every packet of sanitary napkins shall include the following and records maintained as per Table 8 of Annex A.

- i. Method of use
- ii. Indication as to which side is absorbent, and
- iii. Disposal instructions, such that the napkins without covering can be disposed off in water closets.

## **6 MATERIAL**

### **6.1 Absorbent Filler**

Each consignment of raw material shall be checked for conformity to clause 2.1 of IS 5405: 1980 and records maintained as per Table 1 of Annex A.

### **6.2 Covering**

Each consignment of raw material should be accompanied by a test certificate as per clause 2.2 of the specification. Alternatively, the manufacturer shall make necessary arrangement for getting sample(s) from each consignment of the raw material received tested for its conformity to clause 2.2 of IS 5405: 1980 and use the same if found conforming and records maintained as per Table 2 of Annex A

## **7 SIZES**

The sizes of the sanitary napkin shall be inspected as per clause 3 of IS 5405: 1980 and the details of this inspection shall be recorded as in Table 3 of **Annex A**.

## **8 MANUFACTURE, WORKMANSHIP AND FINISH**

Each sanitary napkin shall be manufactured and inspected as per clause 4 of IS 5405: 1980 and records maintained as per Table 4 of Annex A.

## **9 REQUIREMENTS**

**9.1 Absorbency and Ability to Withstand Pressure after Absorption-** The sanitary napkin shall be tested as per clause 5.1 of IS 5405: 1980 and records maintained as per Table 5 of Annex A.

**9.2 Disposability** – The sanitary napkins shall be tested as per clause 5.2 of IS 5405: 1980 and records maintained as per Table 6 of Annex A.

**9.3 pH value** – the sanitary napkin shall be tested as per clause 5.3 of IS 5405: 1980 and records maintained as per Table 7 of Annex A.

## **10 LEVELS OF CONTROL**

The tests, as indicated in Table 1 of Annex B and at the levels of control specified therein, shall be carried out on the entire production covered by this scheme and appropriate records maintained in accordance with Annex A. All the production which conforms to Indian Standards and covered by this licence shall be marked with Certification Mark of the Bureau.

## **11 CONTROL UNIT**

For the purpose of this scheme, all cylinders, all napkins produced in one day from the same consignment of raw material shall constitute one control unit. On the basis of the test results, decision regarding the conformity of the napkins with the requirement of the specification shall be taken and those napkins which fail to confirm to the specification, shall not be stamped with the standard mark.

## **12 SAMPLES**

The licensee shall supply, free of charge to the Bureau and to its authorized representatives, the sample required in accordance with the Bureau of Indian Standard (Certification) Regulations, from his factory or godown as and when required by the Bureau. BIS shall pay for the samples taken from the market.

## **13 REPLACEMENT**

Whenever a complaint is received soon after the goods with the Standard Mark have been purchased and used, and if there is adequate evidence that the goods have not been misused, defective goods shall be replaced, free of cost, by the licensee in case the complaint is proved to be genuine and the warranty period (where applicable) has not expired. The final authority to judge conformity of the product to the Indian Standard shall be with Bureau. The firm shall have own complaint investigation system as per IS/ISO 10002.

**13.1** In the event of any damages caused by the goods bearing the Standard Mark, or claim being filed by the consumer against BIS Standard Mark and not conforming to the relevant Indian Standard, entire liability arising out of such non confirming product shall be of the licensee and BIS shall not in any way be responsible in such cases.

## **14 STOP MARKING**

The marking of the product shall be stopped under intimation to the Bureau if, at any time, there is difficulty in maintaining the conformity of the product to the specification or the testing equipment goes out of order. The marking shall also be stopped immediately if directed to do so by the Bureau for any reason. The marking may be resumed as soon as the defects are removed or when the Bureau gives the permission to do so. The information regarding the date of resumption of marking shall be sent to the Bureau.

## **15 PRODUCTION DATA**

The licensee shall send to the Bureau as per the proforma at **Annex C**, a statement of the quantity produced, marked and exported by him and the trade value thereof for every quarter of the operating period of the licence. The statement is required to be forwarded to BIS at the end of every quarter of operative period.

## **16 SUPPLIER LIST**

The Licensee shall also maintain details of the Standard Mark Product supplied to their customers in the format enclosed at **ANNEX D**.



**Table 4- Record of Manufacture, Workmanship and Finish  
(Clause 8 of STI)**

Sl. No. as at Table 1 of Annex A	Date Of manufacture/Batch number	Type of covering	Quantity	Quantity of tables napkins	Availability of non-absorbent barrier with identification	Whether napkin is heat sterilizable?	Is Barrier heat resistant, in case napkin is heat sterilizable?	Is it disposable	Freedom from all foreign matter
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)

**Table 5 - Record of test for Absorbency and Ability to Withstand Pressure after Absorption  
(Clause 9.1 of STI)**

Sl. No.	Batch number	Quantity Absorbed	Stain through/leak through	remarks
(1)	(2)	(3)	(4)	(5)

**Table 6- Record of test for Disposability  
(Clause 9.2 of STI)**

Sl. No.	Batch Number	Date of testing	Time for disintegration(5 min maximum)	Remarks
(1)	(2)	(3)	(4)	(5)

**Table 7- Record of pH value  
(Clause 9.3 of STI)**

Sl. No.	Batch No.	pH(6-8.5)	Remarks
(1)	(2)	(3)	(4)

**Table 8- Record of Instructions, Packing and Marking**  
**(Clause 4 and clause 5 of STI)**

Sl. No.	Batch number	Quantity	Instruction regarding			Packing	Marking
			Method of use	Indication as to which side is absorbent	Disposal instructions		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)

## ANNEX B

**SCHEME OF TESTING AND INSPECTION FOR CERTIFICATION OF  
SPECIFICATION FOR SANITARY NAPKINS (First Revision)  
ACCORDING TO IS 5405: 1980  
TABLE 1 LEVELS OF CONTROL**

Clause	Requirement	Test Method		No. of Samples	Frequency	Remarks
		Clause	Reference			
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<b>Material:</b>					
2	a) Absorbent filler	2.1	IS 5405: 1980	One sample	Each consignment	Records shall be maintained as per Table 1 of Annex A
	b) Covering	2.2	IS 5405: 1980	One sample	Each consignment	Records shall be maintained as per Table 2 of Annex A
3	Sizes	3	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 3 of Annex A
4	Manufacture, Workmanship and Finish	4	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 4 of Annex A
5	REQUIREMENTS	5	IS 5405: 1980			
	Absorbency and Ability to Withstand Pressure after Absorption	5.1	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 5 of Annex A
	Disposability	5.2	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 6 of Annex A
	pH value	5.3	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 7 of Annex A
	Instructions	5.4	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 8 of Annex A
7	PACKING	7	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 8 of Annex A
8	MARKING	8	IS 5405: 1980	10 samples	Each control unit	Records shall be maintained as per Table 8 of Annex A



**ANNEX C**  
**PROFORMA FOR OBTAINING PRODUCTION DETAILS**

(Clause 15 of STI)

(Period to be covered by the Report being \_\_\_\_\_ to \_\_\_\_\_)\*

Name of Licensee :

CM/L No. :

Name of Articles(s) IS No. :

Grade/type/Size/Variety/Class/ Rating :

1. Brand/Trade/Name(s) of BIS Certification Marked Products
2. Total production of the article(s) licensed for certification marking
3. Total production of the article(s) conforming to Indian Standard
4. Production covered with BIS Certification Mark and its approximate value
  - a.) Quantity
  - b.) Value Rs.
5. Brand Name used on production covered under BIS Certification Mark
6. Calculation of marking fee on Unit-rate basis: \*Marking Fee per unit
  - a.) Unit
  - b.) Quantity covered with BIS Certification Mark

\*Information to be filled up by BO before forwarding to the licensee.

Note: In case a clause is not applicable, suitable remarks may be given against it.

- c.) Marking fee rounded off in whole rupees as obtained by applying unit rates given in (a) on quantity given in (b)
7. Quantity not covered with BIS Certification Mark. If any, and the reasons for such non-coverage
8. Brand Name under which non certified goods were sold
9. Quantity Exported with BIS Standard Mark and its value
10. Brand Name under which BIS Certified goods are exported
11. Authentication by Chartered Accountant

