भारतीयमानक

Indian Standard

AYD 02 (25061)

योग पैंट - विशिष्टता

Yoga Lower — Specification

ICS 97.220.99

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भारतीय मानक ब्यूरो
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March 2024 **Price Group 9**

Yoga Sectional Committee, AYD 02

FOREWORD

This Indian Standard was adopted by Bureau of Indian Standards, after the draft finalized by Yoga Sectional Committee had been approved by the Ayush Division Council.

The draft Indian Standard will be adopted by Bureau of Indian Standards on the recommendation of the Yoga Sectional Committee and approval of the AYUSH Divisional Council.

The importance of yoga in modern life can be categorized under physical, mental, spiritual benefit. In practicing Yoga several people related Yoga with Physical exercise only but that is not correct it goes beyond the physical fitness or posture, it is whole sided system of thought that can provide valuable understanding of how to make our life best, including not only the concern of the physical, but also the emotional, mental, and spiritual parts of life. In general Yoga is a "way of life"

Also, it has been observed that while practicing Yoga, a practitioner required a suitable Yoga dress with some specific properties of clothes like stretchability, sweat absorption and anti-slippery. For the same purpose, it is required for the formulation of Indian Standard on Yoga Dresses.

In the constitution of the formulation of Indian Standard on Yoga T-shirt- Specification, this standard is being formulated on Yoga Lower- specification.

Considerable assistance was received from the Textile Department, BIS in formulation of this Indian Standard.

The composition of the committee responsible for the formulation of this standard is given in Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 1960 'Rules for rounding off numerical values (revised)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

Indian Standard

Yoga Lower — Specification

1. SCOPE

1.1 This standard prescribes the requirements of cotton polyester elastane blend, plain, interlock or terry knitted Yoga lowers.

1.2 This standard does not specify the general appearance, luster, feel and shade of the Yoga lowers.

2. REFERENCE

The standards given below contain provisions which through, reference in this text, constitute provisions of this standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent editions of the standards.

IS 1720: 1978 Specification for cotton sewing threads (second revision).

IS 3596: 1967 Glossary of terms relating to hosiery.

105-C10 : 2006 Textiles — Tests for colour fastness: Part C10 Colour fastness to washing with soap or soap and soda

105 – E 04 : 2008 Textiles — Tests for colour fastness: Part E04 Colour fastness to perspiration

397 (Part 1) : 2003 Methods for statistical quality control during production: Part 1 Control charts for variables (*second revision*)

667 : 1981 Methods for identification of textile fibres (*first revision*)

686 : 1985 Methods for determination of colour fastness of textile materials to daylight (*first revision*)

766 : 1988 Method for determination of colour fastness of textile materials to rubbing (*first revision*)

1390 : 1983 Methods for determination of *p*H value of aqueous extracts of textile materials (*first revision*)

1720 : 1978 Specification for cotton sewing threads (second revision)

2454 : 1985 Methods for determination of colour fastness of textile materials to artificial light (Xenon lamp) (*first revision*)

3086 : 1965 Code for seaworthy packaging of cotton hosiery yarn and goods

3325 : 1965 Code for inland packaging of cotton hosiery yarn and goods

6359 : 1971 Method for conditioning of textiles

10971 (Part 2) Textiles — Determination of fabric propensity to surface fuzzing and to pilling: Part 2 Modified martindale method (*first revision*)

14563 (Part 1) : 1998 Textiles — Determination of formaldehyde: Part 1 Free formaldehyde

14563 (Part 2) : 1999 Textiles — Determination of formaldehyde: Part 2 Released formaldehyde

15570 : 2005 Textiles — Method of test — Detection of banned azo colorants in coloured textiles

15651 : 2006 Textiles — Requirements for environmental labelling — Specification

16322-3 : 2005 Textiles — Determination of spirality after laundering: Part 3 Woven and knitted garments

ISO 1833-20 : 2018 Textiles — Quantitative chemical analysis — Part 20: Mixtures of elastane with certain other fibres (method using dimethyl acetamide)

IS0 4915 : 1991 Textiles - Stitch types - Classification and terminology.

IS 9469 : 2003 Textiles — Fabric, cotton, plain (Single Jersey) Knitted [TXD 10: Hosiery

IS 13003 : 1991. Textiles — Fabric, cotton, interlock-knitted [TXD 10: Hosiery]

3.TERMINOLOGY

For the purpose of this standard, the definitions given in IS 3596 shall apply.

4. FIGURE

Yoga lower shall be of elastic waistband. The Figure 1 of Yoga lower is shown here below

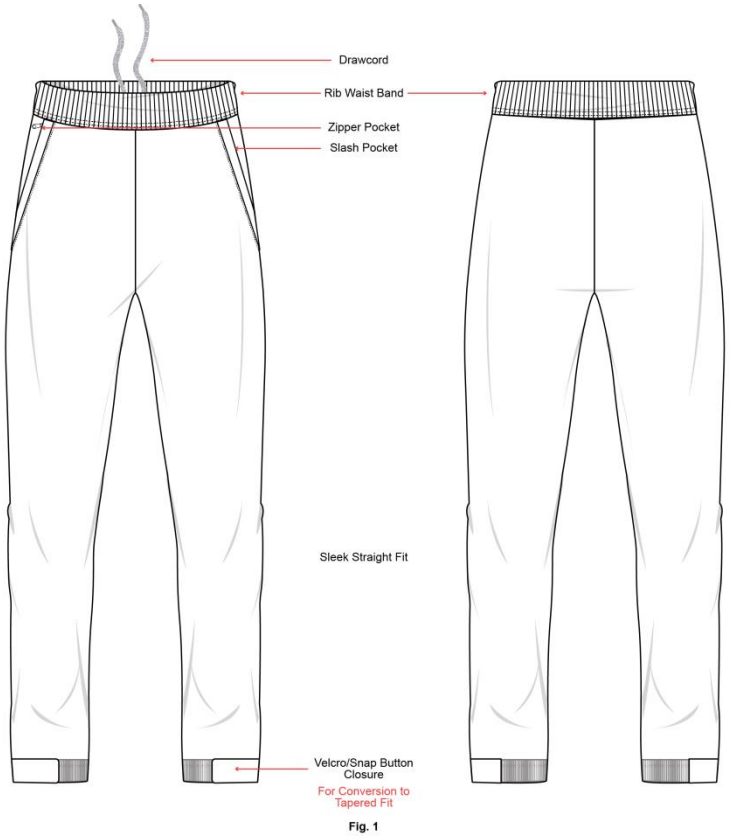

Fig. 1

5.MANUFACTURE

5.1 Seams and Stitches

5.1.1 For stitching various portions of the Yoga Lower, the type of stitches and count of sewing thread used shall apply IS 4375:2019. The sewing thread shall conform to IS 1720. In the case of dyed/printed Yoga Lower, the sewing thread should be of a matching shade.

5.1.2 The number of stitches shall not be less than 4 stitches per cm.

5.2 Workmanship

5.2.1 The seam types and classification are as per the standards of IS0 4915:1991 mentioned in Table (clause 5.2)

Table 1 Seams and Stitches

(*Clause* 5.2)

Location	Type of Stitch	Seam type	Thread in needle	Thread in looper
(1)	(2)	(3)	(4)	(5)
Bartack	Bartack	Class 1 - Superimposed Seams	100 % Cotton 30 Tex [2 Fold]	100% Polyester Filament, 40 Tex [3 Folded]
Waistband	Chain stitch	Class 3 - Bound Seam	100 % Cotton 30 Tex [2 Fold]	100% Polyester Filament, 40 Tex [3 Folded]
Pocket	SNLS*	Class 1 - Superimposed Seams, Class 6 - Edge Neatening	100 % Cotton 30 Tex [2 Fold]	100% Polyester Filament, 40 Tex [3 Folded]
Side seam	5-Thread Overlock	Class 1 - Superimposed Seams	100 % Cotton 30 Tex [2 Fold]	100% Polyester Filament, 40 Tex [3 Folded]
Bottom hem	Flatlock	Class 3 - Bound Seam	100 % Cotton 30 Tex [2 Fold]	100% Polyester Filament, 40 Tex [3 Folded]
Hanger loop	Chain stitch	Class 1 - Superimposed Seams	100 % Cotton 30 Tex [2 Fold]	100% Polyester Filament, 40 Tex [3 Folded]

* SNLS = Single Needle Lock Stitch

5.2.2 Yoga Lower shall be sewn using 100% Cotton 30 Tex [2 Fold] in needle and 100% Filament Polyester 40 tex (3 folded) in looper, of matching colour to the fabric shall be used for all the seams and stitches.

5.2.3 Side seam, In seams and rises shall be stitched with 5 thread over lock and single needle lock stitch for finishing the raw edges of seam.

5.2.4 Bottom hem shall be stitched with 2 needle Chain stitch of not less than 6 mm width, with hem folding at bottom shall be depth of 20 mm ± 2 mm using Flat lock machine.

5.2.5 Suitable renforcement with Bartack shall be done at all tension points - waistband (2), pocket (4), crotch (2) Moblin Tape to be used in the construction of Front Rise and Back Rise.

5.2.6 A hanger loop piece made of narrow woven twill tape of half (folded) length 03 cm and width not less than 4 mm shall be attached to the inside of the Waistband. It shall be positioned at right side of the label with clear gap of about 03 cm apart.

5.2.7 All the seams and stitches shall be uniform and even sewing thread tension throughout the product.

5.2.8 The number of stitches shall not be less than 40 stitches per dm and all the stitches shall be fasted off.

5.3 Topical Treatments/ Finishings (Optional)

The below mentioned chemical/mechanical treatments/finishes may also be applied on the Yoga lower, at any stage of production (fiber, yarn, fabric or directly on the garment).

Anti-Microbial

Anti Odour

Anti Pilling

5.4 The waistband of Yoga Lower may be made from rib-knitted fabrics, as desired by the buyer.

5.5 The Yoga Lowers may also be embroidered/ printed with motifs or designs as desired by the buyers.

5.6 Freedom from Defects

The Yoga Lower shall be free from manufacturing defects, such as mends, ladders, dropped stitches, improper reinforcement, missed stitches at the stitched parts, badly sewn and mispositioned buttons, malformed button holes, chemical damages, and dyeing defects, such as streakiness and uneven dyeing.

6. REQUIREMENTS

6.1 Fabric

The Yoga Lower shall be tailored from evenly and well-knitted plain knit, terry knit, or interlock knit fabric having the construction particulars given in Table 2. The fabric shall be bleached, dyed or printed to the required shade.

6.1.1 The GSM shall be determined by the method given in table 2.

Table 2 Construction of Knitted Fabrics

(*Clause* 6.1)

Structure	Gauge of the machine	Approximate Count of Yarn - Cotton Count (tex)	GSM, Min
Plain Knit	20 - 24	28s (21) to 42s (14)	180 - 220
Terry Knit	20 - 22	28s (21) to 40s (14.5)	200 - 240
Interlock	20 - 22	30s (20) to 50s (12)	200 - 220

GSM Tolerance: = ± 5

* As determined by number of needles per 2.5 cm.

6.2 Dimensions

The dimensions of Yoga Lower when measured by the method prescribed in **B-2** (*see* Annex B) shall conform to the requirements of Table 3.

Table 3 Dimensions of a Yoga Lower

(*Clause* 6.2)

Sl No.	Size	Waist	Hip	Length	Front Rise	Back Rise	Inseam	Leg Opening
1	2	3	4	5	6	7	8	9
		A	**B**	**C**	**D**	**E**	**F**	**G**
i)	XS	68.5	96.5	95.75	23	46	70.5	13.5
ii)	S	73	99	98.5	25	48	72	14
iii)	M	77.5	101.5	101.25	27	50	73.5	14.5
iv)	L	82	104	104	29	52	75	15
v)	XL	86.5	106.5	106.75	31	54	76.5	15.5
vi)	2XL	91	109	109.5	33	56	78	16
vii)	3XL	95.5	111.5	112.25	35	58	79.5	16.5
viii)	4XL	100	114	115	37	60	81	17
Grading (cm)		*4.5*	*2.5*	*2.75*	*2*	*2*	*1.5*	*0.5*
Tolerance (cm)		*1*	*1*	*0.5*	*0.5*	*0.5*	*0.5*	*0.5*

6.3 Other Requirements

The Yoga Lower shall satisfy the other requirements as given in Table 4.

Table 4 Requirements of Yoga Lower

(Clause 6.3)

Sl No. (1)	Characteristic (2)	Requirement (3)		Method of Test, Ref to (4)
1	Fibre composition (Body and waistband)	65% cotton, 30% polyester & 5% elastane (+/-5%)		IS 667/IS 17538
2	Type of knit a) Body b) Waistband	a. 1	Plain	Visual
		a. 2	Terry	
		a. 3	Interlock	
		b.	Self	

		1 b. 1 x 1 2 Rib	
3	Mass of fabric (GSM)	Refer to Table 2 (Clause 6.1)	IS 1964
4	Bursting strength, kPA, Min	600 for cotton	IS 1966 (Part 1)
5	Pilling resistance (18000 rev) for cotton only	4 or better	IS 10971 (Part 1)
6	Dimensional change after washing, (wales and course), percent, Max	± 3	IS 10099 and IS 15370 (Procedure C)
7	Spirality/Skewness, percent, Max	5	IS/ISO 16322-3 (Procedure A)
8	Wettability of cotton fabrics, Max	35	IS 2349
9	Nature of dye	Vat dye for cotton	IS 4472 (Part 1)
10	pH value of aqueous extract	5.5 - 6.5	IS 1390
11	Colour fastness to light	3 - 4	IS/ISO 105 B02
12	Colour fastness to rubbing a) Dry b) Wet	4	IS/ISO 105 X12
13	Colour fastness to washing for cotton fabric) (a) Change in colour Staining (b) on adjacent fabric	3.5 - 4	IS/ISO 105 C10
14	Colour fastness to perspiration (Acidic and alkaline) (a) Change in colour (b) Staining on adjacent fabric	4	IS/ISO 105 E04

6.4 Sealed Sample

If in order to illustrate or specify the indeterminable characteristics, such as general appearance, lustre, feel and colour of Yoga Lower, a sample has been agreed upon and sealed, the supply shall be in conformity with the sample in such respects. The custody of the *sealed* sample shall be a matter of prior agreement between the buyers and the sellers.

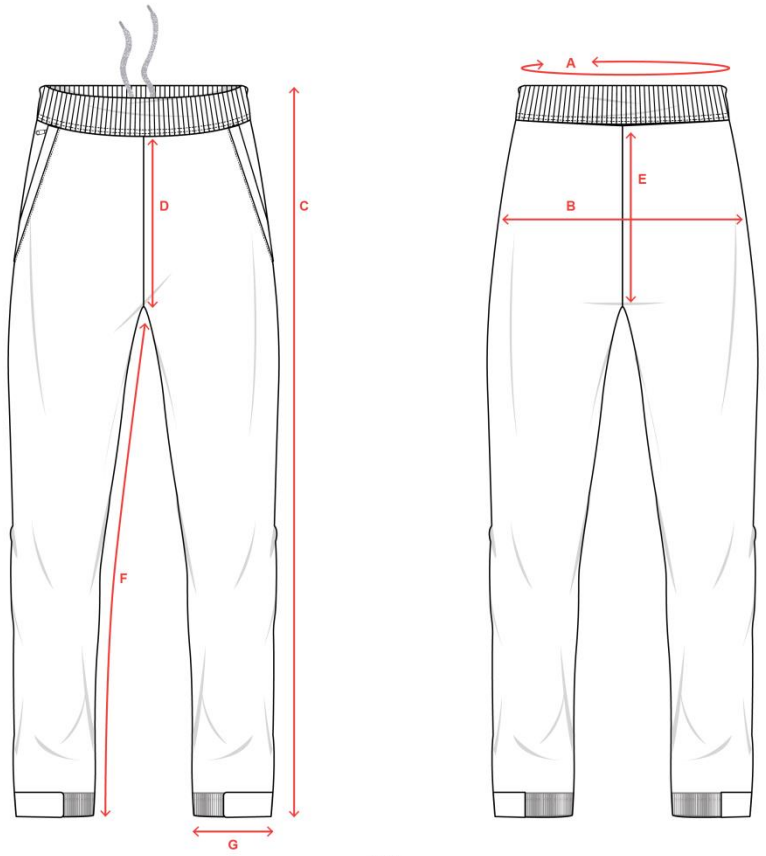

Fig. 2

6.5 Topical Treatments/ Finishings (Optional)

The below mentioned chemical/mechanical treatments/finishes may also be applied on the Yoga Lower, at any stage of production (fiber, yarn, fabric or directly on the garment).

- UV Finish
- Anti Microbial Finish
- Anti Static Finish
- Anti Pilling Finish
- Anti Odour Finish
- Moisture Management
- Wrinkle - Resistant Finish
- Mercerisation
- Calendering
- Singeing

7 ADDITIONAL REQUIREMENT FOR ECO-MARK (OPTIONAL)

7.1 General Requirements

7.1.1 Cotton knitted Yoga Lower shall conform to the requirements of quality specified in this standard.

7.1.2 The manufacturers shall produce the consent clearance as per the provisions of Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981, Water (Prevention and Control of Pollution) Cess Act, 1977, respectively, along with the authorization, if required under Environment (Protection) Act, 1986 and the rules made thereunder to the Bureau of Indian Standards while applying for ECO-Mark. Additionally, the manufacturer shall produce documentary evidence on compliance of the provisions related to noise level and occupational health under the provisions of Factories Act, 1948 and rules made thereunder.

7.1.3 The product packaging may display in brief the criteria based on which the product has been labeled environment friendly.

7.1.4 The material used for product packaging shall be reusable or made from recyclable or biodegradable materials.

7.1.5 Fatty alcohol based non-ionics as emulsifier should be used wherever required.

7.1.6 Polyhalogenated based phenolic fire retardants shall not be used.

7.2 Specific Requirements

7.2.1 Cotton knitted Yoga Lower shall confirm to the requirements given in Table 5.

Table 5 Specific Requirements for ECO-Mark

(*Clause* 7.2.1)

S.No	Parameter*	Max, Limit, mg/kg (ppm)		Method of Test, Ref to
		Close to Skin Clothing	Outer Wear Fabrics	
(1)	(2)	(3)	(4)	(5)
1	Free and releasable formaldehyde	75	300	IS 14563 (Part 1 and 2)
2	Ex tractable artificial sweat/salvia heavy metals mercury	0.1	0.1	IS 15651
3	Chromium III*	0.1	0.1	-
4	Chromium VI*	Nil (Below detectable limit	Nil	-
5	Sum parameters (as lead) *	10.0	10.0	-
6	Pentachlorophenol (PCP)	0.5 (Detectable limit using GC-MS)	0.5	IS 15651
7	Volatile hydrocarbons (non-halogens)*	150	150	-
8	Volatile halogenated Organics*	200	200	-
9	Pesticides (sum parameter)	1.0	1.0	IS 15651
10	Banned pesticides	Nil (Below detectable limit)	Nil	IS 15651
11	pH of aqueous extract	4.0 -7.5	4.0 -7.5	IS 1390
12	Coupled amines released from azo dyes (sum parameters)	50 (Detectable limit using GC-MS)	50	IS 15570

* The method of tests for Eco-parameters are being developed by the Textiles Committee of Bureau of Indian Standards. Till the methods of test are standardized, the manufacturer shall declare conformance taking into consideration the chemicals auxiliaries and dyes use

8 MARKING

8.1 A suitable cloth label made of woven cotton, taffeta/ satin or fusing type OR a heat transfer label shall be fastened or fused to each Yoga Lower at the inside of the neck portion on which the following shall be indicated by printing:

a) Size and type of Yoga Lower;

b) Composition, GSM

c) Indication of the source of manufacture;

d) Washing instructions, and

e) Any other information required by the buyer.

NOTE — The colour from the label shall not bleed on to the Yoga Lower during storage or use.

8.2 The Yoga Lower may also be marked with ECO-mark in addition to Standard Mark if the requirements specified in 7 are also satisfied with the Standard Mark.

For ECO-mark, following additional information may also be marked on the product.

The criteria for which the product has been labeled with ECO-mark.

8.3 BIS Certification Marking

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the *Bureau of Indian Standards Act, 2016* and the Rules and Regulations framed thereunder, and the products may be marked with the Standard Mark.

9 PACKING

The Yoga Lower shall be packed in bales or cases in accordance with IS 3325 or IS 3086 as the case may be.

10 SAMPLING AND CRITERIA FOR CONFORMITY

10.1 The sampling procedure detailed in 10.2 to 10.3 shall give desired protection to the buyers and the sellers provided the lot submitted for inspection is homogeneous. To achieve this, the manufacturers shall maintain system of process control at all stages of manufacture ensuring that Yoga Lower tendered by him for inspection comply with the requirements of this standard in all respects.

NOTE — For effective process control, the use of statistical quality control technique is recommended and helpful guidance may be obtained in this respect from IS 397 (Part 1).

10.2 In any consignment all the Yoga Lower of the same size and manufactured from the same count and quality of yarn and delivered to a buyer against one despatch note shall constitute a lot.

10.2.1 The conformity of a lot to the requirements of this specification shall be determined on the basis of the tests carried out on the samples selected from the lot.

10.3 All the Yoga Lower selected as per column 3 of Table 5 shall be examined for visual inspection, dimension, freedom from defect, gsm etc. Any Yoga Lower failing in one or more of the above requirements shall be termed as defective. The lot shall be considered as conforming to the above requirements, if the total number of defectives found in the sample is less than or equal to the acceptance number given in column 4 of Table 7. Otherwise, the lot shall be rejected.

10.3.1 If the samples are found satisfactory according to 10.3, samples will be drawn as per column 5 for physical testing, from the sample originally drawn as per column 3 of Table 7.

10.3.2 For chemical parameters sample to be drawn as per column 7 randomly from the samples as per column 5 of Table 7.

10.3.3 Acceptance number mentioned in the physical parameter (column 6) is inclusive of chemical parameter (column 8) that is, total acceptance number should not exceed acceptance number mentioned in column 6 of Table 7.

Table 6 Sample Size and Permissible Number of Non-Conforming Yoga Lower

(Clauses 10.3, 10.3.1, 10.3.2 and10.3.3)

ANNEX B

(*Clauses* 6.1, 6.2, 6.3, and 7.2.1)

METHOD OF TEST

B-1 CONDITIONING OF TEST SPECIMENS AND ATMOSPHERIC CONDITIONS FOR TESTING

(*Clauses* 6.3 and 7.2.1)

The test specimens shall be tested in prevailing atmosphere. In case of dispute, the samples shall be conditioned and tested in the standard atmosphere as given in IS 6359.

B-2 DIMENSIONS

(*Clauses* 6.2)

B-2.1 Procedure

Take a Yoga Lower. Lay it flat on a table. Remove all creases and wrinkles by hand without any distortion. Measure the dimensions to nearest 0.1 cm.

B-3 DIMENSIONAL CHANGES (DUE TO RELAXATION)

(*Clauses* 6.3.6)

B-3.1 Marking of Test Specimens

B-3.1.l Take a Yoga Lower from the test sample. Cut a test specimen measuring 20 cm × 20 cm from it in such a way that the two of its sides are parallel in the direction of wale and the other two parallel in the direction of course. Mark the direction of wale and course in the test specimen.

B-3.1.2 Mark centrally on the test specimen, by means of indelible ink or a fast dyed cotton sewing thread, an area of 15 cm × 15 cm with two of its sides in the direction of wale and the other two in the direction of course. Spread this test specimen on a flat smooth surface, carefully remove all creases and wrinkles by hand. Within this area, mark six pairs of marks, three pairs each in the wale direction and the course direction in such a way that the distance between each pair of marks is the same.

B-3.2 Procedure

Sl No.	**Lots Size in Nos**	**Visual Inspection, Dimension, Freedom from Defect, gsm etc. at the time of Sampling**		**Physical Parameters**		**Chemical Parameters**	
(1)	**(2)**	Sample size (3)	Acceptance No. (4)	Sample size (5)	Acceptance No. **(6)**	Sample size (7)	Acceptance No. **(8)**
i	Upto 280	13	1	13	1	5	0
ii	281-500	20	2	13	1	5	0
iii	501-1 -200	32	3	20	2	5	0
iv	1 201-3 200	50	5	32	3	8	1
v	3 201-10 000	80	7	32	3	8	1

B-3.2.1 Place the test specimen on a glass plate and carefully remove all creases and wrinkles by hand without distorting it and place the other glass plate on the test specimen. Measure the distance between each pair of marks separately to the nearest millimeter.

B-3.2.2 Lay the test specimen flat in a tray of suitable size having minimum depth of 10 cm. Soak it under a head of 25 mm of

water containing 0.5 percent suitable wetting agent at room temperature for 2 h. Drain out the water and remove the test specimen carefully it is not stretched and lay it flat on a smooth surface. Remove the excess water by absorbent material and dry it at room temperature.

B-3.2.3 After drying, condition the test specimen to moisture equilibrium at room temperature. Place it on the glass plate, carefully remove all wrinkles and creases and place the other glass plate on the test specimen. Measure the distance between each pair of marks separately to the nearest millimeter.

B-3.3 Calculation

B-3.3.l Calculate, separately, the percentage of dimensional change both in the direction of wales and in the direction of courses by the following formula:

$$S = \frac{100 \times (a - b)}{a}$$

where,

S = dimensional change, percent;

a = distance between a pair of marks (along the wales or courses direction as the case may be) before soaking; and

b = the distance between the same pair of marks after soaking.

B-3.3.2 Calculate separately the dimensional change between all the three pairs of marks in the direction of wales and in the direction of courses and calculate the average dimensional change in each direction.

B-4 DETERMINATION OF MASS PER SQUARE METER

(*Clauses* 6.1)

B-4.1 Take a Yoga Lower from the test sample. Lay it flat on a table. Remove all creases and wrinkles by hand without distorting the specimen. Cut a test specimen measuring 20 cm × 20 cm from it in such a way that the two of its sides are parallel in the direction of wales and the other two parallel in the direction of courses.

B-4.2 After conditioning the test specimen to moisture equilibrium at room temperature, measure the weight of the specimen nearest to 0.01 g using a suitable balance.

ANNEX C

(*Foreword*)

COMMITTEE COMPOSITION

Yoga Sectional Committee, AYD 02

Organization	*Representative(s)*
Krishnamacharya Yoga Mandiram (KYM), Chennai	YOGACHARYA S. SRIDHARAN **(*Chairperson*)**
Dev Sanskriti Vishwavidyalaya, Haridwar	DR. SURESH BARNWAL
Government Nature Cure Hospital, Hyderabad	DR. N. BHANU KIRAN
Heartfulness Institute, Gurugram	SH. ANUJ SETYA
Indian Institute of Technology , Center for Biomedical Engineering , New Delhi	PROF. K. K. DEEPAK DR DEEPAK JOSHI (*Alternate* I) DR. AYUSHEE KHAJURIA (*Alternate* II)
Indian Yoga Association (IYA), New Delhi	DR. S. P MISHRA SH. P.C KAPOOR (*Alternate* I) DR. RAJANISH SHARMA (*Alternate* II)
Institute of Salutogenesis and Complementary Medicine (ISCM), Puducherry	DR. ANANDA BALAYOGI BHAVANANI DR. MEENA RAMANATHAN (*Alternate*)
Isha Foundation, Coimbatore	SWAMI ULLASA SH. ARUN MEHTA (*Alternate*)
Kaivalyadhama, Lonavla	SMT. RENU JAIN SMT. SHALINI SRIVASTAVA (*Alternate*) SH. SANJEEV KUMAR DWIVEDI (*Alternate* II)
Indian Medicines Pharmaceutical Corporation Limited, Ramnagar	SHRI RAHUL KUMAR SHRI KAVI RAJ RAI (*Alternate* I) DR BALAJI PANIGRAHI (*Alternate* II)
Krishnamacharya Yoga Mandiram (KYM), Chennai	SHRI T. SWAMINATHAN
Morarji Desai National Institute of Yoga, New Delhi	DR. ISHWARA N. ACHARYA DR. GURU DEO (*Alternate*)
Patanjali Yogpeeth, Haridwar	DR. NIDHEESH KUMAR YADAV DR. AARTI PAL (*Alternate*)
Ramamani Iyengar Memorial Yoga Institute, Pune	SH. BIRJOO H. MEHTA SH. MALAV DANI (*Alternate*)
National Medicinal Plants Board, New Delhi	DR R MURUGESWARAN DR CHINMAY RATH (*Alternate*)
Shiv Naresh Sports Private Limited , New Delhi	SH. SHIV PRAKASH SINGH SH. VISHNU BHAGAT (*Alternate* I) SH. GURMEHAR KAUR MODI (*Alternate* II)
Sivananda Yoga Vedanta Nataraja Centre, New Delhi	SH. PRAKASH CHAND KAPOOR SH. VIJAY (BIJAYENDER SINGH) (*Alternate*)
Sri Sri School of Yoga, Bengaluru	SH. MAYUR KARTHIK SH. PUSHPDANT (*Alternate* I) SMT. NIYATI PURI (*Alternate* II)
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The Yoga Institute, Mumbai	SMT. PADMINI RATHORE PREMA PARAB (*Alternate* I)

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	MS. ROHINI GHOSH (*Alternate* II)
Wintex Appare Limited, New Delhi	SH. MAYANK GUPTA MS. RANU GUPTA (*Alternate* I) SH. KRISHNA GUPTA (*Alternate* II)
Yoga Vidya Niketan, Mumbai	DURGADAS SHAMBA SAVANT NEHA ABHIMANYU KERURE (*Alternate* I) UTKARSHA SRIVASTAVA (*Alternate* II)
In Personal Capacity	MS. LAXMI DEVI AERE
BIS Directorate General	SHRIMATI RACHNA SEHGAL, SCIENTIST 'G'/SENIOR DIRECTOR AND HEAD (AYUSH) [REPRESENTING DIRECTOR GENERAL (EX – OFFICIO)]

Member Secretary
DR VENKATESWAR RAO
SCIENTIST 'C'/DEPUTY DIRECTOR
(Ayush), BIS