
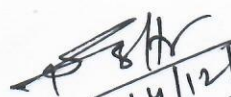


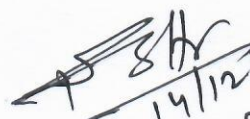
UTES Lab/Western Region/Mumbai Testing charges at RITES Lab/Western Region/Mumbai w.e.f.01.01.2018				
S.N.	Product Category	Test	Average time for testing (Working days)	Testing charge (Excluding GST@18% at present)
1	Metals & Alloys-Ferrous & non-Ferrous	Chemical Analysis:		
		a) Chemical composition by Spectrometer	2	800
		b) Chemical composition by wet analysis up to 5 elements	4	1500
		c) Chemical composition by wet analysis more than 5 elements	6	2400
		d) Silver medal with Gold plated	5	2800
		e) Oxygen content	3	1100
		Mechanical Tests:		
		a) Tensile test	3	1300
		b) Bend test	3	900
		c) Rebend test	3	900
		d) Flattening test	3	400
		e) Flaring test	3	400
		f) Impact test/3 sample @RT	5	1500
		g) Impact test/3 sample upto -60°C	5	2100
		h) Hardness Test-Rockwell	3	400
		i) Hardness Test-Brinell	3	400
		j) Hardness Test-Vickers	3	400
		k) Shear test	5	1300
		l) Proof load	3	600
		m) Torque	5	1000
		Metallographic Tests:		
		a) Seamless confirmation	3	900
		b) Inter Granular Corrosion & case depth	5	3000
		c) Inclusion Rating	5	1200
		d) Grain size	5	1300
		e) Micro Structure	5	1000
		f) Radiography	3	3000
		Others:		
		a) Mass of Zinc coating	3	500
		b) Uniformity of Zinc coating	3	500
		c) Hammer Test	3	500
2	Textile	a) Bed Sheet (12 Tests*IS:745/2003,1990)	7	2200
		b) Pillow Cover(12 Tests**IS:745/2003,1990)	7	2200
		c) Sarees (19 Tests***IS:15851/2009)	7	3200
		d) Towel (12Tests****IS:854/1991)	7	1400
		e) Great coat cloth(13Tests*****IS:679/1993)	10	2500
		f) Polyester blended suiting(18Tests#,IS:15853/2009)	10	4000
		g) Polyester blended shirting(19 Tests ## IS:15852/2009)	10	2500
		h) Woolen serge(16 Tests ### IS:2319/1987)	10	3000
		i) Blanketing Serge (10 Tests #### IS:895/1991)	10	2200
		j) Jersey woolen (10 Tests ##### IS:2360/1977 RA 1993)	10	3000
		k) Cotton drill(16 Test \$ IS:177/1989)	7	3700
		l) Long cloth Khadi(14 Test \$\$ IS:187/1978)	7	3500
		m) Pagree(12 Tests \$\$\$ IS:7119/1973)	7	2600
		n) Signal flag	7	2600
		o) Sponge	7	1100


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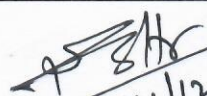
<p align="center">MITES Lab/Western Region/Mumbai Testing charges at MITES Lab/Western Region/Mumbai w.e.f.01.01.2018</p>				
S.N.	Product Category	Test	Average time for testing (Working days)	Testing charge (Excluding GST@18% at present)
2	Textile	p)Mosquito Net(03 Tests IS:9883 &9886/1990)	15	4700
		q)Angola Shirting (17 Tests IS:8331/2003)	10	6700
		r)Socks IND/TC/1627	7	2000
		s)Socks white (06 Tests IS: 5084/1990)	7	3000
		t)Stocking (10 Tests IS: 833/1977)	7	3000
		u)Socks cotton (14 Tets IS: 3329/1973)	7	3000
		v)Cotton waste (10 Tets IS 5485/1980)	7	1750
		w)Staple pillow	2	1400
		x)Cardigon woolen	5	4000
		y)Durry (IS: 1450)	7	2500
		z)Sleeping bag (AT NO.583/Ftr Bglr/Prov/sleeping bag/2017)	15	20000
		Abrasion resistance	2	500
		Alkali solubility %	2	400
		Ash content %	2	400
		Barium activity number	2	400
		Breaking strength,N(kgf)	2	400
		Colour fastness to Bleaching	2	400
		Colour fastness to Dry-cleaning	2	400
		Colour fastness to Dry-heat at 150 ±2°C,%	4	500
		Colour fastness to light	3	1000
		Colour fastness to Perspiration	2	300
		Colour fastness to Rubbing	2	200
		Colour fastness to washing	2	400
		Colour fstness to Hot pressing	2	500
		Count of yarns	2	200
		Crease recovery angle,degrees	2	300
		Dimensional change on washing,%	2	300
		Dimensional stability to dry heat at 150 ±2°C,%	4	600
		Dimenssions	2	200
		Drape %	2	300
		Ether-soluble matter,%	2	400
		Blend composition,%	2	400
		Fineness grade of wool	7	800
		Fiber hollowness	2	1000
		Flamability	2	600
		Mass,g/m ²	2	400
		PH value of the aqueous extract	2	300
		Pile ratio	2	300
		Pilling resistance	2	500
		Scouring loss,%	2	400
		Starch content %	2	300
		Strechability,%	2	400
		Tear strength,N(kgf)	2	300
		Threads/dm (warp & weft)	2	200
		Water soluble%	2	300
		Water-resistance	2	400
		Weave	2	200
		Wettability	2	300
		Wool content,%	2	300


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BITES Lab/Western Region/Mumbai Testing charges at BITES Lab/Western Region/Mumbai w.e.f.01.01.2018				
S.N.	Product Category	Test	Average time for testing (Working days)	Testing charge (Excluding GST@18% at present)
3	Paper	Paper(IS 1848:2007 RA 2012)	3	3600
		Plain copier(IS 14490:1997)	3	3600
		Barcode sticker	2	1480
		Ash content	2	400
		Brightness	2	400
		Burst factor	2	400
		Bulk	2	400
		Chemical test	2	500
		Coating%	2	400
		Cobb's value	2	400
		Folding indurance	2	400
		Gloss,%	2	400
		Gsm	2	500
		Mechanical pulp	2	500
		Moisture content	2	300
		Opacity	2	300
		PH value	2	400
		Resistance to feathering	2	300
		Smoothness	2	400
		Tear index	2	400
		Tensile index	2	400
		Wax pick	2	400
4	Paint & Varnishes	Alumenium paint (IS 2339)	7	8000
		Bituminous compound (IS:1580/1991)	7	4500
		Enamel sythetic exterior (IS 8662)	7	8000
		Enamel,Interior (IS 133:1993)	7	7000
		Etch Primer (IS 5666)	7	6000
		Ready mixed paint (IS 104:1979)	7	6000
		Accelareted storage stability	4	700
		Colour	4	400
		Colour fastness to light	4	1200
		Consistancy	4	400
		Drying time	4	600
		fineness of graind	4	400
		Finish	4	300
		Flash point	4	400
		Flexibility and adhesion	4	500
		Gloss	4	500
		Mass	4	500
		Protection against corosion under condensation	4	1200
		Resistance to water	4	500
		Sratch hardness	4	500
		Volume solids	4	600
		Water content	4	500
		Wet opacity	4	500


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UTES Lab/Western Region/Mumbai Testing charges at RITES Lab/Western Region/Mumbai w.e.f.01.01.2018				
S.N.	Product Category	Test	Average time for testing (Working days)	Testing charge (Excluding GST@18% at present)
5	Polymer-Rubber	Ash content	4	500
		Compression set	5	1000
		Density	4	500
		Ozon resistance up to 48hrs	5	3500
		Polymer identification	4	1000
		Shore Hardness	2	400
		Tensile strength	5	1300
		Volume swelling/oil absorption	5	600
6	Polymer-Plastic	Crystalization melting point	3	1200
		Heat shrinkage sleeve (CLW/ES/1-15)	7	10000
		Melt flow index	2	1500
		P.P Bags	3	2000
		PTFE Tape (BS:4375/1968)	7	3500
		Resistance to Acid Alkali	5	1000
7	Polymer-FRP	Di electric strength	5	2500
		Fibre content	2	1000
		Water absorption	2	1500
		Toxicity	7	2850
		Spread of flame	7	4500
		Visibility due to smoke	7	17000
		Limiting oxygen index	7	9000
		Endurance test	7	20000
		Compressive strength	7	1800
		Tensile strength	7	1300
		Cross breaking strength	7	1300
		Impact at room temperature	7	1300
8	Polymer-Adhesive	Asbestos content	7	1200
9	Leather	Bag canvas with leather (IS 580:1973 & IS 1442:1983)	7	5500
		Leather bellow (IS:578/1985)	7	9000
		Modified single duct leather bellow	7	9000
10	Chemicals	Glyphosate (IS:12502-1988 RA 2004)	7	3500
		Alumino ferric (IS 299:2012)	7	3500
		Barrier cream Zinc Oxide	5	3000
		Bleaching powder (IS 1065 : 1989)	7	3500
		Caustic soda Lye	7	5000
		Caustic soda Tech (IS:252/1991)	7	4500
		Linseed oil (IS:77/1976 RA 2009)	7	3000
		Moya oil	5	2000
		Petrolleum jelly (IS:4887/1980 RA 2006)	7	4000
		Silica Gel (IS 3401:1992)	7	4000
		Soda ash (IS:251/1998 RA 2010)	7	4000
		Sodium hypo chloride (IS:11673/1992)	7	3000
		Sulphuric acid (IS:266/1977)	5	5000
		Trichloroethylene (IS:245/1988)	7	3500
		Trisodium phosphate (IS:573/1992 RA 2003)	7	4000
11	Miscellaneous	Banister brush	5	1000
		Barrier cream Zinc oxide	8	3000
		Graphit flakes	7	4000
		Modified single duct leather bellow	7	9000
		Moisture in wood	2	500
		Paint brush	7	3000
		sealed window glass unit	7	5500
		Seated window glass unit	5	8000
		Shellac Jointing compound	7	3000
		Toughened glass(Impat & fragmentation)	7	3500
		XRD, SEM & EDXA (SN-66)	15	32000


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UTES Lab/Western Region/Mumbai
Testing charges at RITES Lab/Western Region/Mumbai w.e.f.01.01.2018

Textile**Note: *list of tests on Bed Sheet as per IS 745/2003,1990**


1	Count of yarn
2	Ends/dm
3	Picks/dm
4	Mass,g/m ²
5	Breaking strength,N(Kgf)
6	Dimensional change,%
7	Scouring loss,%
8	PH value of the aqueous extract
9	Colour fastness to light
10	Colour fastness to washing test 4
11	Colour fastness to Rubbing
12	Colour fastness to Bleaching

****list of tests on Pillow cover as per IS 745/2003,1990**

1	Count of yarns
2	Ends/dm
3	Picks/dm
4	Mass,g/m ²
5	Breaking strength,N(Kgf)
6	Dimensional change,%
7	Scouring loss,%
8	PH value of the aqueous extract
9	Colour fastness to light
10	Colour fastness to washing test 4
11	Colour fastness to Rubbing
12	Colour fastness to Bleaching

*****list of tests on Sarees as per IS:15851/2009**

1	Count of yarns
2	Overall width,cm
3	Threads/cm (warp & weft)
4	Mass,g/m ²
5	Fibers composition,%
6	Breaking strength,N(kgf)
7	Tear strength,N(kgf)
8	Dimensional stability to dry heat at 105 ±2°C,%
9	Crease recovery angle,degrees
10	Pilling resistance
11	Dimensional change on washing,%
12	PH value of the aqueous extract
13	Colour fastness to light
14	Colour fastness to washing test 2
15	Colour fastness to Dry-cleaning
16	Colour fastness to Dry-heat
17	Colour fastness to Perspiration
18	Colour fastness to Rubbing
19	Colour fastness to Hot pressing


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****list of tests on Towel as per IS:854/1991

1	Count of yarn
2	Ends/dm
3	Picks/dm
4	Mass,g/m ²
5	Weave
6	Dimensional change,%
7	Scouring loss,%
8	Colour fastness to light
9	Colour fastness to washing test 4
10	Colour fastness to Bleaching
11	Colour fastness to Rubbing
12	Wettability

*****list of tests on Great coat cloth as per IS:679/1993

1	Fineness/Grade of wool
2	Count of yarn
3	Ends/dm
4	Picks/dm
5	Mass,g/m ²
6	Breaking strength,N
7	Weave
8	Blend composition
9	Relaxation shrinkage,%
10	Colour fastness to light
11	Colour fastness to washing
12	Colour fastness to dry cleaning
13	PH value of the aqueous extract

#list of tests on Polyester blended suiting as per IS:15853/2009

1	Count of yarns
2	Threads/dm (warp & weft)
3	Mass,g/m ²
4	Fibers composition,%
5	Breaking strength,N(kgf)
6	Tear strength,N(kgf)
7	Dimensional stability to dry heat at 105 ±2°C,%
8	Crease recovery angle,degrees
9	Pilling resistance
10	Dimensional change on washing,%
11	PH value of the aqueous extract
12	Colour fastness to light
13	Colour fastness to washing test 3
14	Colour fastness to Dry-cleaning
15	Colour fastness to Dry-heat
16	Colour fastness to Perspiration
17	Colour fastness to Rubbing
18	Colour fastness to Hot pressing

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##,list of tests on Polyester blended Shirting as per IS:15852/2009

1	Count of yarns
2	Threads/dm (warp & weft)
3	Mass,g/m ²
4	Fibers composition, %
5	Breaking strength, N(kgf)
6	Tear strength, N(kgf)
7	Dimensional stability to dry heat at 105 ± 2°C, %
8	Crease recovery angle, degrees
9	Pilling resistance
10	Dimensional change on washing, %
11	Abrasion resistance
12	PH value of the aqueous extract
13	Colour fastness to light
14	Colour fastness to washing test 3
15	Colour fastness to Dry-cleaning
16	Colour fastness to Dry-heat
17	Colour fastness to Perspiration
18	Colour fastness to Rubbing
19	Colour fastness to Hot pressing

list of tests on Woolen serge as per IS:2319/1987

1	Fineness grade of wool
2	Count of yarns
3	Weave
4	Ends/dm
5	Picks/dm
6	Mass,g/m ²
7	Breaking strength, N
8	Colour fastness to light
9	Colour fastness to washing test 1
10	Colour fastness to Dry-cleaning
11	Relaxation shrinkage, %
12	PH value of the aqueous extract
13	Water-resistance
14	Ether-soluble matter, %
15	Wool content, %
16	Blend %

list of tests on Blanketing serge IS:895/1991

1	Count of yarns
2	Ends/dm
3	Picks/dm
4	Mass,g/m ²
5	Breaking strength, N
6	Relaxation shrinkage, %
7	PH value of the aqueous extract
8	Colour fastness to light
9	Colour fastness to washing
10	Colour fastness to Dry-cleaning

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list of tests on Jersey woolen IS:2360/1977 RA 1993.

1	Composition of wool %
2	Wales/dm
3	Courses/dm
4	Mass per 10 Jersey,GSM
5	Colour fastness to light
6	Colour fastness to Washing
7	Scouring loss%
8	Relaxation shrinkage,%
9	PH value of the aqueous extract
10	Alkali solubility %

\$ List of tests on Cotton drill IS:177/1989

1	Count of yarns
2	Ends/dm
3	Picks/dm
4	Mass,g/m ²
5	Breaking strength,N
6	Weave
7	Colour fastness to light
8	Colour fastness to Washing test 5
9	Colour fastness to Bleaching
10	Colour fastness to Perspiration
11	Scouring loss%
12	PH value
13	Shrinkage or elongation %
14	Water soluble %
15	Ash content%
16	Barium activity number

\$\$ List of tests on Long cloth khadi IS:187/1978

1	Count of yarns
2	Ends/cm
3	Picks/cm
4	Mass,g/m ²
5	Breaking strength,N
6	Weave
7	Colour fastness to light
8	Colour fastness to Washing
9	Scouring loss%
10	PH value
11	Residual starch %
12	Water soluble %
13	Ash content %
14	Blend composition%

\$\$\$ List of tests on Pagree IS:7119/1973

1	Count of yarns
2	Ends/cm
3	Picks/cm
4	Mass,g/m ²
5	Breaking strength,N
6	Scouring loss%
7	PH value
8	Ash content %
9	Water soluble %
10	Colour fastness to light
11	Colour fastness to Washing
12	Colour fastness to Bleaching

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