


NORTHERN REGION / INSP

Date:01.10.2018

Sub: Revised chemical analysis by Spectrometer charges of Northern region/Insp .Delhi
w.e.f 05.10.2018.

SNO .	Test Parameter	Rate per sample Including Handling Charges and GST (in Rs)	Average time for testing(working days)
1	Chemical composition by Spectrometer.	944	2

Note: Sample drawn prior to 05.10.2018 will be charged at old rate.

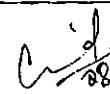

01/10/2018
(V K DWIVEDI)

SDGM/NR/LAB

RITES/NORTHERN REGION/INSPECTION /DELHI					
Testing charges w.e.f 15.06.2018					
SNO	Product Category	Test	Average time For testing (Working Days)	Testing charges in Rs.(Including GST@18% and handling charges)	
1	Metals & Alloys - Ferrous and Non ferrous	Chemical analysis :			
		a)Chemical composition by spectrometer	2	708	
		b)Chemical composition by wet analysis (single element)	2	587	
		c)Wet Analysis more than 5 Elements (Except O ₂)	4	2683	
		d) Oxygen content -BY LECO	3	2020	
		Mechanical tests :			
		a)Yield strength, Ultimate tensile strength & %Elongation	4	1422	
		b)Bend test	2	974	
		c) Hardness test- Brinell ,Rockwell & Vickers	3	596	
		d)Impact test (3 samples)@RT	7	1881	
		e) Impact test (3 samples)@-60°C	7	2613	
		Metallographic test:			
		a)Inclusion rating	3	1434	
		b)Depth of decarb	3	1577	
		c)Case depth	3	1306	
		d)Micro structure	4	1477	
		e)Grain size	3	1471	
		Others :			
		a)Radiography test	3	1469	
		b)Mass of zinc coating	3	1224	
		c)Plating thickness(Cr)	3	990	
d)Macro Etch test	3	1141			

[Signature]
09.06.2018
(V. K. Dinesh)
SDGM/Lab/NR

RITES/NORTHERN REGION/INSPECTION /DELHI				
Testing charges w.e.f 15.06.2018				
SNO	Product Category	Test	Average time For testing (Working Days)	Testing charges in Rs.(Including GST@18% and handling charges)
2	Textile	a)Bed sheet (12 Tests * as per IS 745:1990/2003)	16	2648
		b)Pillow cover (12 Tests * *as per IS 745:1990/2003)	16	2648
		c)Woolen Serge (16 Tests ***as per IS:2319/1978)	15	4341
		d)Blanketing serge(10 Tests ****as per IS:895/1991)	18	2593
		e)Polyester blended shirting(19 Tests ***** as per IS:15852/2009 Amdt.1)	18	4595
		f)Polyester blended Suiting(18 Tests # as per IS:15853/2009 Amdt.1)	18	7233
		g)Great coat cloth (13Tests# #as per IS:679:1993)	16	3089
		h)Handloom Cotton Turkish Towel -White (8 Tests###as per IS:854-1991)	10	1739
		i)Jersey woolen (12 tests ###as per IS:2360/1977 RA 1993)	16	3870
		J)Angola Shirting (17 Test####as per IS:8331/2003)	18	7774
		k)Sarees(19 test \$ as per IS:15851/2009)	18	3822
		l)Mosquito net (IS:9883&9886/1990)	18	5210
		m)Cotton drill (16 Test \$\$ as per IS:177/1989)	15	4485


 28.06.2018
 (V. K. Dhillon)
 SD/In/Label

RITES/NORTHERN REGION/INSPECTION /DELHI				
Testing charges w.e.f 15.06.2018				
SNO	Product Category	Test	Average time For testing (Working Days)	Testing charges in Rs.(Including GST@18% and handling charges)
2	Textile	n)Long cloth khadi (14 Tests \$\$\$ as per IS 187:1978)	18	4272
		o)Sponge	15	1329
		P)Pagree (12 test \$\$\$\$ as per IS:7119/1973)	15	3160
		q)Signal Flag	15	3160
3	Leather	a)Safety shoes (IS:15298 part -2)	18	14802
		a)Safety shoes (IS:15298 part -2 plus high voltage test)	18	18342
		b)Leather below	10	5791
4	Polymer - Rubber	a) Rubber identification	4	2512
		b)Shore hardness	3	661
		c)Ash content	4	936
		d)Specific Gravity	4	740
		e)Density	4	700
		f)Tensile test	3	1330
		g)Tear strength	3	1526
5	Wood	a)Ply wood ,Gr- BWR (without preservative test)(IS:303/1989 RA 2003)	10	10035
		b) Ply wood ,Gr-MR (without preservative test)(IS:303/1989 RA 2003)	25	11215
6	Chemical	Alumina ferric (IS:299:2012)	10	13914
7	Paper	a)GSM	3	858
		B)pH value	4	858
		c)Cobb"s value	3	1035
		d)Tensile index	4	2070
		e)Tear index	4	1625
8	Paint & varnish	a)Paint enamel interior finishing as per IS:133/2004	20	12690
		b) Enamel, Synthetic Exterior finishing As Per IS:8662 /2004	20	12690

08.06.2018
 V. K. Divedy
 S.D.M./L&T/NR

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

1	Count of Yarn
2	Ends/dm
3	Picks/dm
4	Mass, g/m ²
5	Relaxation shrinkage ,%
6	Breaking strength ,N
7	Weave
8	pH value of aqueous extract
9	Colour fastness to Light
10	Colour fastness to Washing
11	Colour fastness to dry cleaning
12	Wool content
13	Fineness grade of Wool
14	Water resistance
15	Ether- soluble matter ,%
16	Blend ,%

****List of tests on Blanketing serge as per IS: 895/1991

1	Count of Yarn
2	Ends/dm
3	Picks/dm
4	Mass, g/m ²
5	Relaxation shrinkage ,%
6	Breaking strength ,N
7	pH value of aqueous extract
8	Colour fastness to Light
9	Colour fastness to Washing
10	Colour fastness to dry cleaning

*08/11/18
(V. K. D. ...)
Sd/- (V. K. D. ...)*

***** List of tests on Polyester blended shirting as per IS:15852/2009 Amdt.1

1	Count of Yarn
2	Thread/dm(Warp and Weft)
3	Mass, g/m ²
4	Fiber composition,%
5	Breaking strength ,N(Kgf)
6	Tear strength , N(Kgf)
7	Dimensional stability to dry heat at 150±2 deg c
8	pH value of aqueous extract
9	Pilling resistance
10	Crease recovery angle, degree
11	Dimensional change on washing,%
12	Abrasion resistance
13	Colour fastness to Light
14	Colour fastness to Washing
15	Colour fastness to dry cleaning
16	Colour fastness to Rubbing
17	Colour fastness to Hot pressing
18	Colour fastness to Perspiration
19	Colour fastness to Dry-heat

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 8/6/18
 (V.K. Diviedy)
 S.D. Gm/Lab/INR

Annexure -08pages

*List of tests on Bed sheet as per IS: 745/1990,2003

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

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

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

08/12
(v. examined)
SDGm/106/102

List of tests on Polyester blended Suiting as per IS:15853/2009

1	Count of Yarn
2	Thread/dm(Warp and Weft)
3	Mass, g/m ²
4	Fiber composition,%
5	Breaking strength ,N(Kgf)
6	Tear strength , N(Kgf)
7	Dimensional stability to dry heat at 150±2 deg c
8	pH value of aqueous extract
9	Pilling resistance
10	Crease recovery angle, degree
11	Dimensional change on washing,%
12	Colour fastness to Light
13	Colour fastness to Washing
14	Colour fastness to dry cleaning
15	Colour fastness to Rubbing
16	Colour fastness to Hot pressing
17	Colour fastness to Perspiration
18	Colour fastness to Dry-heat

List of tests on Great coat cloth as per IS:679/1983

1	Count of Yarn
2	Ends/dm
3	Picks/dm
4	Mass, g/m ²
5	Relaxation shrinkage ,%
6	Breaking strength ,N
7	Weave
8	pH value of aqueous extract
9	Colour fastness to Light
10	Colour fastness to Washing
11	Colour fastness to dry cleaning
12	Blend composition
13	Fineness grade of Wool

Handwritten:
 8/6/18
 (V.K. D. V. / Lab/ave)

List of tests on Handloom Cotton Turkish Towel –White as per IS:854/1991

1	Count of Yarn
2	Ends/dm
3	Picks/dm
4	Mass, g/m ²
5	Dimensional change ,%
6	Wettability
7	Scouring loss ,%
8	pH value of aqueous extract

List of tests on Jersey woolen as per IS:2360/1977 RA 1993

1	Composition of wool,%
2	Grade of wool
3	Wales/dm
4	Course /dm
5	Mass per 10 jersey, GSM
6	Scouring loss ,%
7	Single thread Breaking load ,N(g)
8	Relaxation shrinkage,%
9	pH value of aqueous extract
10	Colour fastness to Light
11	Colour fastness to Washing
12	Alkali solubility,%

Handwritten note:
 9/6/18
 (V.V. Dhanraj
 & Dfm/Lab/HR)

#List of tests on Angola Shirting as per IS:8331/2003

1	Blend Composition, %
2	Finess/Grade of wool
3	Count of Yarn
4	Ends/dm
5	Picks/dm
6	Mass, g/m ²
7	Weave
8	Pilling resistance
9	Avg Breaking strength ,N(kgf)
10	Relaxation shrinkage, %
11	pH value of aqueous extract
12	Colour fastness to Light
13	Colour fastness to Washing
14	Colour fastness to dry cleaning
15	Colour fastness to Rubbing
16	Colour fastness to Perspiration
17	Linear density of polyester and viscose fiber

\$ List of tests on Sarees as per IS:15851/2009

1	Count of Yarn
2	Overall width, cm
3	Thread/cm(Warp and Weft)
4	Mass, g/m ²
5	Fiber composition, %
6	Breaking strength ,N(Kgf)
7	Tear strength , N(Kgf)
8	Dimensional stability to dry heat at 150±2 deg c
9	pH value of aqueous extract
10	Pilling resistance
11	Crease recovery angle, degree
12	Dimensional change on washing, %
13	Colour fastness to Light
14	Colour fastness to Washing
15	Colour fastness to dry cleaning
16	Colour fastness to Rubbing
17	Colour fastness to Hot pressing
18	Colour fastness to Perspiration
19	Colour fastness to Dry-heat

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 (V.K. Srinivas)
 SDBM/Lab/MR

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

1	Count of Yarn
2	Ends/dm
3	Picks/dm
4	Mass, g/m ²
5	Relaxation shrinkage ,%
6	Breaking strength ,N
7	Weave
8	pH value of aqueous extract
9	Colour fastness to Light
10	Colour fastness to Washing
11	Colour fastness to bleaching
12	Colour fastness to Perspiration
13	Scouring loss ,%
14	Water soluble,%
15	Ash content,%
16	Barium activity number

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

1	Count of Yarn
2	Ends/dm
3	Picks/dm
4	Mass, g/m ²
5	Relaxation shrinkage ,%
6	Breaking strength ,N
7	Weave
8	pH value of aqueous extract
9	Colour fastness to Light
10	Colour fastness to Washing
11	Scouring loss ,%
12	Water soluble,%
13	Ash content,%
14	Blend composition,%

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 9/6/18
 (V.K. Dwivedy)
 SD (Gen/Lab) / 102

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

1	Count of Yarn
2	Ends/dm
3	Picks/dm
4	Mass, g/m ²
5	Breaking strength ,N
6	pH value of aqueous extract
7	Colour fastness to Light
8	Colour fastness to Washing
9	Colour fastness to bleaching
10	Scouring loss ,%
11	Water soluble,%
12	Ash content,%

Handwritten:
A. J. G.
8/6/18
(1.15 gms each)
2.5 dm / (100/100)