

Tariff Schedule for IICT SERVICES

Indian Institute of Carpet Technology

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IICT provides technical Services in textile & carpet Testing, Design Development of Carpet, Trouble Shooting of CARPET & Textile Industry and Carpet sampling. The IICT testing laboratory is accredited by NABL (ISO 17025: 2005), Ministry of Science and Technology

IICT Testing Laboratory

Effective from: 01.11.2015

1. TESTS UNDER SCOPE OF NABL

CHEMICAL LAB

Test No.	Test Parameter	Test Method/ Standards	Testing charges	
			Domestic (In INR)	International (In USD)
CL-1	Quantitative chemical analysis inclusive of identification: i) Two components	IS 2006:1988, RA 2004 IS 11870:1986, RA 2006 IS 3416 (Part 2): 1999 IS 9896:1981, RA 2003 IS 6504:1979, RA 2005 IS 9889:1988, RA 2004 IS 2005:1988, RA 2004	600	24
	Overall composition of Carpet		700	28
	ii) Extra each component (above test)		240	12
CL-2	Oils, fats and waxes in Fibre DCM Extractable matter	IS 9068:1979, RA 2004 IWS/TM-136	600	24
CL-3	Determination of wool content of woolen textile material	IS 8476:1977, RA 1992	600	24
CL-4	Determination of wool fibre content of raw wool.	IS 1349: 1964, RA 2004	960	36
CL-5	Determination of moisture in wool.	IS 6637:1972, RA 2000	240	12
CL-6	Colour Fastness to Organic solvents	IS 688:1988, RA 2004	360	18
CL-7	Colour fastness to rubbing (Dry & Wet)	IS 766:1988, RA 2004 IWS/TM-232	360	18
CL-8	Colour fastness to rubbing (Organic Solvent)	IS 3426: 1982, RA 1999	480	22
CL-9	Colour Fastness to washing	ISO 105 C10 A:2006	240	12
		ISO 105 C10 B:2006	240	12
		ISO 105 C10 C:2006	240	12
		ISO 105 C10 D:2006	360	18
CL-10	Colour fastness to light	IS 2454:1985, RA 2006		

		Up to 4 BWS	1200	48
		Above 4 to 5 BWS	1800	72
		Above 5 to 6 BWS	3600	144
		Above 6 BWS	5400	216
CL-11	Surface Flammability of Carpet & Rugs	16 CFR 1630/1631: (RA 2014)	1800	72

2. TESTS UNDER SCOPE OF NABL (PHYSICAL LAB)

Test No.	Test Parameter	Test Method/ Standards	Testing charges	
			Domestic (In INR)	International (In USD)
PL-1	Count determination	IS 1315:1977, RA 1999 IS 681:1964, RA 2010 IS 570:1964, RA 2010	240	12
PL-2	Determination of twist	IS 832:1985, RA 2010	300	12
PL-3	Weight per square/ linear meter of fabric (GSM).	IS 1964: 2001, RA 2010	240	12
PL-4	Determination of Threads per unit length in woven fabric (EPI/PPI).	IS 1963 :1981, RA 2014 (Method A)	240	12

3.TESTS UNDER SCOPE OF NABL (CARPET LAB)

Test No.	Test Parameter	Test Method/ Standards	Testing charges	
			Domestic (In INR)	International (In USD)
CP-1	Determination of effects of small source of ignition on textile floor covering flammability testing. (Hot Metal Nut Method)	BS 4790:1987 (Method : 1)	1200	48
CP-2	Pile height of floor covering	IS 7877(Part 4):1976 RA 2008 IWS/TM-20:2000	360	18
CP-3	Determination of thickness, compression and recovery characteristics.	BS-4098:1975 RA 1982	360	18
CP-4	Determination of thickness of machine made floor covering	ISO-1765: 1986(E)	360	18
CP-5	Determination of thickness loss under dynamic loading	BS/ISO-2094: 1999	600	24
CP-6	Determination of thickness loss after prolonged heavy static loading of textile floor covering/ carpets	ISO 3416 : 1986(E)	600	24
CP-7	Tuft withdrawal force	BS-5229:1975, RA 1982 ISO 4919: 1978 IS 5884:1993,RA 2014 IWS/TM 202	600	24
CP-8	Determination of Surface Pile Density	IS 5641:1993, Annex D (RA 2011)	600	24
CP-9	Knots Per Square Decimeter/ Knots Per Square Inch	IS 7877(Part III): 1976 RA 2008	360	18
CP-10	Carpet wear and abrasion test (Weight loss method)	IWS/TM-283: 2000	960	36

CP-11	Classification and terminology of Textile Floor covering	IS 11205: 1984, RA 2011	720	30
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4. CHEMICAL LAB (Computer Colour Matching) : TESTS UNDER SCOPE OF NON-NABL

Test No.	Test Parameter	Test Method/ Standards	Testing charges	
			Domestic (In INR)	International (In USD)
NCL-1	1. Colour Difference	IICT/NTM/01	360	18
	2. Comparison of strength of dyes		600	24
	3. i) Colour of recipe setting		960	36
	ii) Reflectance readings for calibration samples up to 8 levels		600	24
	iii) Comparison of strength of dye stuffs on the basis of dyed fabric/yarn.		960	36
	4. Whiteness / Yellowness evaluation comparison between them.	CIE 76	360	18
NCL-2	pH Determination	AATCC 81-1996 Related to ISO 3071 IS 1390: 1983	360	18
NCL-3	Determination of Dry Rubber Content of Latex		480	22
NCL-4	Determination of Strength of organic acids	Titration Method	360	18
NCL-5	Determination of Colour Fastness of Textiles to Water	IS 767: 1988	240	12
NCL-6	Determination of Alkalinity of water		360	18
NCL-7	Determination of hardness of water		360	18
NCL-8	Determination of available chlorine in a given solution of sodium hypochlorite	Iodometric Titration Method	480	22
NCL-9	Colour Fastness to Washing	ISO 105 C10 E : 2006	720	30

5. PHYSICAL LAB: TESTS UNDER SCOPE OF NON-NABL

Test No.	Test Parameter	Test Method/ Standards	Testing charges	
			Domestic (In INR)	International (In USD)
NPL-1	Percentage of Medullated Fibre	IS 2899: 1965	360	18
NPL-2	Micronaire Value of cotton (Using Air Flow Method)	IS 3674: 1966	360	18
NPL-3	Abrasion Resistance of fabric (Martindale)	IS 12673: 1989 TM – 112	480	22
NPL-4	Pilling Test (I.C.I. Pill Box)	IS 10971: 1984	600	24
NPL-5	Span Length of Cotton Length	IS 233 (Part 4): 1979	360	18
NPL-6	Trash & Lint content in cotton fibre	IS 4871: 1968	360	18
NPL- 7	Lea Strength with CV%	IS 1671: 1977, RA 2004	540	24
NPL- 8	Determination of Stiffness of Fabrics (Cantilever Test)	IS 6490: 1971	360	18
NPL- 9	Determination of recovery from Creasing of Textile Fabrics by measuring the angle of Recovery	IS 4681: 1981	360	18
NPL- 10	Method for assessment of Fabric Drape	IS 8357: 1977	480	22
NPL- 11	Determination of Tear resistance by the falling Pendulum Method	IS 6489: 1993	360	18
NPL- 12	Determination of Width of woven Fabrics	IS 1954: 1990	240	12
NPL-13	Determination of Count Strength Product of yarn (CSP)	Is 1671: 1977 (RA 1999)	720	30
NPL-14	Single thread strength/Tenacity with elongation (%) with CV%	IS 1670: 1991, RA 2000	540	24
NPL-15	Wool Fibre Diameter (Micron Value)	Validated Lab Developed method IICT/TM/01	480	22
NPL-16	Wool Fibre Length	Validated Lab Developed method IICT/TM/02	480	22
NPL-17	Determination of Flammability and Flame Resistance of Textile Fabrics	IS 11871: 1986 (RA 2004)	600	24
NPL-18	Cotton Fibre Maturity (By sodium hydroxide swelling method)	IS 236 : 1968 (RA 2008)	360	18

NPL-19	Determine the level of pilling and fuzzing dye to shredding particularly with 100 % pile carpets.	-	480	22
NPL-20	Evaluation of perforation of Carpet	-	3000	120

6. CARPET SAMPLE PREPARATION: Kibby Carpet Sampling machine (MODRA, Australia) and M-Tuft Carpet sampling Machine (MODRA, Australia)

Test No.	Test Parameter	Testing charges	
		Domestic (In INR)	International (In USD)
NCP-01	Development of Carpet Samples with our yarn (Size of Sample : 18 inch X 18 inch)	3000	120
NCP-02	Development of Carpet Samples with Supplied Yarn (Size of Sample : 18 inch X 18 inch)	2160	90

7. DESIGN CREATION AND DEVELOPMENT

Sl. No.	Item	Testing charges	
		Domestic (In INR)	International (In USD)
1.	Development of Exclusive design		
1(a)	Tufted, Persian (Traditional)/ Oriental Design.	(Rs per sq. inch)	(USD per sq. inch)
	High quality	60	12
	Medium quality	42	10
	Low quality	24	6
	Only Design editing work	30	7
1(b)	Tibetan, Gabbeh, Stunaiq		
	Modern /Floral Design	42	11
	Persian (Knotted) Style	54	12
	Only Design editing work	30	10

1(c)	Dhurries (Floral/Modern/Killim)		
	High quality	42	10
	Low quality	24	6
	Only Design editing work	24	6
2	Chain stitch & Niddle point/Kashmiri shawl	66	10
3	Naksha (Graph)	(Rs per sq. inch)	(USD per sq. inch)
	High quality	330	12
	Naksha extra copy	216	10
	Medium quality .	246	10
	Naksha extra copy	168	10
	Low quality.	180	10
	Naksha extra copy	138	6
4	Textile design plate for dress material, Saree, suiting & shirting.	450 - 3900	36 - 180
5	Checking of woolen carpet per sample and rectification.	600	24
6	Selling of idea regarding motif, colour combination and designs of latest trend in international market.	480	22
7	Checking the graph and advice colour combination advice of suitable quality per design.	330	18
8	Suggestion for new colour combination and setting of wool tuft (guchhi) in the graph per Indo Persian design. (Kashan, Herati, shruk, Bijar-5, Bijar-9, Tabriz, Lichi, (Mir) Medium to High quality and others)	1152	48
9	Colour Photocopy of Design		
	1.Normal paper Size A4 Size A3	48 96	5 10
	2. Coated Paper Size A4 Size A3	54 108	6 12
10	Carpocost Software /- (Tool for costing of HK & HT Carpet)	6000	180

8. SHORT TERM TRAINING PROGRAMME

Sl. No.	Item	Testing charges	
		IICT (In INR)	(In USD)
1.	Short Term Training of Carpet & textile Designing / CAD : Duration 06 months (4.5 hours per day)	20000	800
2.	Short Term Training of Carpet yarn dyeing: Duration 06 months (4.5 hours per day)	15000	600
3.	Application of Computer & IT in Carpet Manufacturing Perspective: Duration 06 months (4.5 hours per day)	15000	600
4	Other Modules OF Short term training programmes	15000	600

9. TECHNICAL SERVICE TO INDUSTRY

Sl. No.	Item	Testing charges IICT (In INR)
1	Technical Consultancy including for design	On case to case basis decided by the institute
2	Management consultancy	-----Do-----
3	Trouble shooting	-----Do-----
4	R & Consultancy/ Sponsored Project depending on case to case & provision in the project	-----Do-----
5	Miscellaneous	-----Do-----
6	Shade Card/ Chromotone	Annual membership fees is Rs 1200/- for reference (not to be issued)
7	Library	Annual membership fees is Rs 1200/- (not to be issued)
8	Consultancy services on various fields as per requirement (includes implementation of projects sponsored by various authorities)	Consultancy charges
		For Senior level consultant upto Rs 9000/- per day.
		For middle level consultant upto Rs 6000/- per day
		For Junior level consultant upto Rs 3000/- per day
9	Photography on digital camera and conversion on to CD	Rs 60 for each snap
10	Kaleen Bandhu –for Life Membership Associate Membership	Rs 50000 Rs 4000 per annum