

Annexure '1'

LIST OF TESTING FACILITIES OF GIL

S.No.	Location	Name of Division/R&D Centre (in UP Only)	Description of Test Facilities	Range	Certificate/Accreditation	Remarks
1	Kanpur	Ordnance Parachute Factory	Determination of Linear Density (Sewing Yarn and Sewing Thread)			
2			Single Yarn Tensile strength (Sewing Yarn and Sewing Thread)	5 Tex to 500 Tex	NABL Accreditation	
3			Elongation at break % (Sewing Yarn and Sewing Thread)	8 N to 400 N	NABL Accreditation	
4			Determination of Twist(Fabric, Tape, Cordage, Webbing and Sewing Thread)	5 % to 50 %	NABL Accreditation	
5			Determination of Threads/decimeter(Tape, Webbing, Ribbon And Fabric)	5 TPM to 600 TPM	NABL Accreditation	
6			Determination of Weight/Sq. m and Weight/Linear mtr(Tape, Webbing and Fabric)	20 threads to 900 threads/Dm	NABL Accreditation	
7			Elongation at break % (Tape, Webbing and Fabric)	20 gm ² to 800 gm ²	NABL Accreditation	
8			Weave (Tape, Webbing and Fabric)	5% to 50%	NABL Accreditation	
9			Determination of Breaking load (Fabric)	Qualitative	NABL Accreditation	
10			Crease Recovery Test (Fabric)	50 N to 90 kN	NABL Accreditation	
11			Tearing Strength (Elmendorf Tester-Fabric)	00 deg to 360 deg, (Warp + Weft)	NABL Accreditation	
12			Resistance to damage by flexing (Fabric)	13-113 N	NABL Accreditation	
13			Determination of Breaking Load (Tape, Webbing and Ribbon)	Qualitative	NABL Accreditation	
14			Elongation at break % (Tape, Webbing and Ribbon)	50N to 90 kN	NABL Accreditation	
15			Determination of Weight per Linear Meter(Webbing, Tape)	2% to 70%	NABL Accreditation	
16			Determination of Breaking Load (Webbing, Tape)	1 to 300 gm/linear mtr	NABL Accreditation	
17			Determination of Breaking Load (Cordages)	100 N to 90 kN	NABL Accreditation	
18			Elongation at break % (Cordages)	20 N to 10 kN	NABL Accreditation	
19			Elongation at break % (Cordages)	5 % to 70 %	NABL Accreditation	
20			Determination of Breaking Load (Ropes & Cordages)	10% to 70%	NABL Accreditation	
21			Weight per Linear meter (Ropes & Cordages)	20N to 90 kN	NABL Accreditation	
22			Reciprocating Movement Test	0.5 g/m to 300 g/m	NABL Accreditation	
23			Vickers Hardness Test(Steel And Other Alloys)	Qualitative	NABL Accreditation	
24			Polyester fibers with cotton or re generated cellulose (Textile Item)	50 HV to 500 HV	NABL Accreditation	
25			Colour Fastness to Washing(Textile Item)	0.5 to 100%	NABL Accreditation	
26			pH of Aqueous(Textile Item)	Grade 1-5	NABL Accreditation	
27			Colour Fastness to Perspiration(Textile Item)	1 to 14	NABL Accreditation	
28			Scouring Loss in grey and finished cotton textile materials(Textile Item)	Grade 1-5	NABL Accreditation	
29			Water Soluble Matter (Textile Item)	0.01 to 15%	NABL Accreditation	
30			Identification of Dyes (Cotton & Other cellulosic Fibers)(Textile Item)	0.01 to 15%	NABL Accreditation	
31			Chemical composition of Low Alloy Steel	Qualitative	NABL Accreditation	
	Carbon %					
	Manganese %	0.1 to 1.1 %	NABL Accreditation			
	Phosphorus %	0.1 to 2.0 %	NABL Accreditation			
	Silicon %	0.01 to 0.085 %	NABL Accreditation			
	Sulphur %	0.1 to 1.54 %	NABL Accreditation			
32	Chemical composition of Stainless Steel	0.01 to 0.055 %	NABL Accreditation			
	Carbon %					
	Chromium %	0.05 to 0.25 %	NABL Accreditation			
	Manganese %	17 to 23 %	NABL Accreditation			
	Nickel %	0.01 to 2.0 %	NABL Accreditation			
	Phosphorus %	7.5 to 13.0 %	NABL Accreditation			
	Silicon %	0.1 to 0.90 %	NABL Accreditation			
	Sulphur %	0.01 to 0.90 %	NABL Accreditation			
		0.03 to 0.065 %	NABL Accreditation			

Annexure 'II'

LIST OF PROCESS SHOP FACILITIES OF GIL

S.No.	Location	Name of Division/R&D Centre (in UP Only)	Description of process facility	Range	Certificate/Accreditation	Remarks
1	Kanpur	Ordnance Parachute Factory	All Types of Parachute manufacturing	All type of Airborne ,MCP parachutes and Supply Drop Parachutes		
2			Manufacturing of Rubberized Items	Floats and Boats		ISO Certificate

**Terms and conditions to be compiled by private company/Inter
Factory requesting for test facilities**

- The test service to private company will be made available, only in case if spare capacity, over and above meeting the internal needs.
- All transportation of job/item (including loading/unloading) from/to GIL, testing premises is the responsibility of the private party only.
- Personnel from party are to produce proof of identity/authorization letter
- GIL security will check the item and allow the job/item before permitting in/out of its premises.
- The test charges will be applicable for standard test procedures. In case of any additional tests, charges will be suitably modified depending on the job specifications.
- Applicable charges are exclusive of GST or any other applicable Tax/Levy
- GIL will not preserve any samples beyond 30 days of completion of test and same will be disposed off.
- GIL will not be responsible for loss/damage to the job/item while carrying out the test(s).
- All necessary insurance coverage for the job shall be the responsibility of the private party.
- The TEST REPORT is not to be used for any legal purpose & shall not be produced in court of law.
- The mode of payment – NEFT, Electronic Payment and Cheque, in favour of '**Gliders India Limited**', Kanpur.
- Proof of payment should be submitted while submitting sample for testing.
- The Conditions are subject to any changes/modifications without prior notice.
- Any legal matters are subjected to Kanpur Jurisdiction only.
- Items expended in test will not be returned by GIL.