

**BTRA PTP CALENDER 2019-2020  
CHEMICAL TESTS**

Test	Plan
<b>TEXTILES:</b>	
Identification of Fibre / Blend Analysis	JULY- AUG 2019
Moisture Content	
Colour Fastness to Dry Cleaning	
Colour Fastness to Sea Water	
Water Repellency Spray Rating	
<b>Colour Fastness to Bleaching Peroxide</b>	NOV- DEC 2019
<b>Colour fastness to rubbing</b>	
<b>pH Value of aqueous extract</b>	
<b>Dimensional changes on Soaking in Water</b>	
<b>Flammability of clothing textile (45°C inclined flammability tester)</b>	

**MECHANICAL TESTS**

Test	Plan
<b>TEXTILES:</b>	
Thickness of Fabric (woven, Knitted Fabric)	JULY- AUG 2019
Threads per inch in Woven Fabrics	
Crease Recovery Angle by measuring Angle of Recovery	
Pilling Resistance and other related surface changes of textile fabrics: Random Tumble Pilling Tester	
Abrasion Resistance to Textile Fabrics (Martindale Abrasion Tester Method)	
Failure in Sewn Seams of Woven apparel Fabrics	
<b>Lea Strength and Lea Count of Spun Yarns</b>	NOV- DEC 2019
<b>Twist in Yarn</b>	
<b>Single Thread Strength and Elongation % at Break of Yarn</b>	
<b>Weight per square meter and Weight per linear meter of fabric</b>	
<b>Count of Yarn removed from Fabric</b>	
<b>Tear Strength of Fabric by Elmendorf Tester</b>	
<b>Bursting Strength of Textile Fabrics-Diaphragm Bursting Strength Tester Method</b>	
<b>Piling Resistance-Pill Box Method</b>	
<b>GEOTEXTILE:</b>	
Flow Rates of Thermoplastics by Extrusion Plastometer (Melt Flow Index)	FEB- MAR 2020
Density and Specific Gravity (Relative Density) of Plastics by Displacement	
Index Puncture Resistance of Geo membranes and Related Products	
Test Method for Trapezoid Tear Resistance of Geotextiles	
Test Method for the static Puncture Strength of Geotextile and Geotextile related products using a 50 mm probe	
Test Method for Determining Tensile Properties of Geogrid by the Single Rib Tensile Method	

For details contact the following

R A SHAIKH  
BTRAPT17043@GMAIL.COM;QMS@BTRAININDIA.COM  
MOB# 9702013237 / 9892027008