



## 5- Quality & testing

### On Textile Field

**Textile laboratory Dyestuff laboratory**

<b><u>Ser.</u></b>	<b><u>Course name</u></b>	<b><u>DURATION</u></b>	<b><u>PRICE</u></b>
1	General textile information	5 DAYS	600 \$
2	Fiber Composition Test.	5 DAYS	600 \$
3	Color Fastness testing - Color Fastness to Washing. - Color Fastness to light. - Color Fastness to Crocking/Rubbing. - Color Fastness to Dry Clean. - Color Fastness to Hot Pressing/Ironing. - Color Fastness to Water. - Color Fastness to Sea Water. - Color Fastness to Water Spotting. - Color Fastness to Saliva. - Color Fastness to perspiration.	5 DAYS	600 \$
4	Dimensional Stability and Related test. - Dimensional Stability to Washing. - Spirality. - Dimensional Stability and Spirality.	5 DAYS	600 \$
5	Appearance testing. - Appearance after washing for fabric and garment (1wash/3wash).	5 DAYS	600 \$
6	- Flammability testing.	5 DAYS	600 \$
7	Medical Products testing Cotton, Dressing, Lent and absorbent medical cotton gauze testing	5 DAYS	600 \$
8	Water permeability test	3 DAYS	400 \$
9	PH Value.	3 DAYS	400 \$



**Yarn laboratory**

<b><u>Ser.</u></b>	<b><u>Course name</u></b>	<b><u>DURATION</u></b>	<b><u>PRICE</u></b>
1	- Determination of yarn count	3 DAYS	400 \$
2	- Determination of twist in yarns and directing of twist in yarns.	5 DAYS	600 \$
3	- Determination of Tensile Strength, or Tensile properties of yarns .	5 DAYS	600 \$
4	- Determination appearance for spun yarns.	2 DAYS	300 \$
5	- Yarns crimp or yarns take up in woven fabrics.	5 DAYS	600 \$
6	- The measurement of hairiness and evenness.	5 DAYS	600\$
7	- Fiber images – longitudinal and cross section.	2 DAYS	300 \$



## CARPET LABORATOR

<u>Ser.</u>	<u>Course name</u>	<u>DURATION</u>	<u>PRICE</u>
1	Textile for covering-non-destructive measurement of pile thickness above the backing – wrong gauge method.	3 DAYS	400 \$
2	Determination thickness for carpets.	3 DAYS	400 \$
3	Textile floor coverings - determination of thickness loss after prolonged, heavy static loading.	5 DAYS	600 \$
4	Textile floor coverings - determination of thickness loss under dynamic loading.	3 DAYS	400 \$
5	Determination of mechanical damage at acute edge modified Vetter man drum tester method.	5 DAYS	600 \$
6	Textile floor coverings – abrasion test.	5 DAYS	600 \$
7	Determination of tuft withdraws al force in carpets.	1 DAYS	150 \$
8	Textile floor coverings - determination of wear – castor chair test .	5 DAYS	600 \$

### **Fabrics laboratory**

<u><i>Ser.</i></u>	<u><i>Course name</i></u>	<u><i>DURATION</i></u>	<u><i>PRICE</i></u>
1	Determination of fabric count.(woven fabric) & (knitted fabric).	3 DAYS	400 \$
2	Determination of weight per unit area.	3 DAYS	400 \$
3	- Determination of maximum force and elongation (the strip method).	3 DAYS	400 \$
4	Determination of maximum force and elongation (the grab method).	3 DAYS	400 \$
5	Determination of fabric resistance for seam slippage and seam strength.	3 DAYS	400 \$
6	Determination of stretch ability for fabric(elongation ,modulus force).	3 DAYS	400 \$
7	Determination of fabric resistance for abrasion Martindale (end point, mass loss and shade change).	5 DAYS	600 \$
8	Determination of fabric for abrasion resistance for pilling &shade change by Martindale.	5 DAYS	600 \$
9	Determination of fabric resistance for pilling by(Random tumble).	3 DAYS	400 \$
10	Determination of fabric resistance for tear strength.	3 DAYS	400 \$
11	Determination of fabric resistance for bursting strength.	3 DAYS	400 \$
12	Determination of fabric resistance for ici pilling (box method).	5 DAYS	600 \$
13	Determination of fabric resistance for abrasion (TABER) ( end point, mass loss).	3 DAYS	400 \$