

Name _____ Telephone _____ Fax _____

Company _____ Position _____

Mailing address _____ Street or Box _____ City _____ State _____ Zip Code _____ Country* _____

Name to be shown on badge _____ Email _____

REGISTRATION FEES:

On or Before Sept. 10	After Sept. 10
AATCC Member US\$775	AATCC Member US\$825
AATCC Nonmember US\$1155	AATCC Nonmember US\$1205

Payment to be made by:

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*Please note - if your country belongs to the EU (GDPR compliance):

I give AATCC permission to process and store this personal data to provide me with information about this requested educational program. AATCC may contact me about this program, as well as future educational opportunities that may interest me. (You may request the removal of your personal data, or to be removed from AATCC's mailing list, at any time. AATCC does not share your personal data with third parties. For more information about AATCC's privacy policy, visit www.aatcc.org.)

The registration fee must accompany application. Make checks payable to AATCC. Return registration form to AATCC Technical Center, PO Box 12215, Research Triangle Park, NC 27709-2215 USA. Refunds will be made if cancellations are received on or before Sept. 10, 2019. No refunds will be given after Sept. 10. A US\$75 cancellation fee will be charged.

INTRODUCTION TO TEXTILE TESTING PROGRAM

WEDNESDAY, SEPTEMBER 25, 2019

- 8:30 Welcome and Scope of AATCC Test Methods
- 8:50 Participant Introductions
- 9:10 Introduction to Standardized Testing
- 9:40 Color Basics
- 10:40 Break
- 11:00 Color Evaluation & Measurement
- 11:30 Color Lab Sessions
(visual assessments using Gray Scale- for Staining and Color Change, Chromatic Transference Scale; instrumental assessments)
- 11:50 Color Lab Sessions (cont'd)
- 12:10 Color Lab Sessions (cont'd)
- 12:30 Lunch
- 1:20 Overview of Standard Laundering Conditions
- 1:40 Dimensional Change - AATCC TM135 & AATCC TM150
(measures dimensional change of fabrics and garments when subjected to home and accelerated laundering procedures)
- Skewness Change - AATCC TM179
(determines change in skewness in woven or knitted fabrics or twist in garments when subjected to automatic laundering procedures)
- Seam Twist - AATCC TM207
(determines the seam twist of garments before and after home laundering)
- 2:40 Colorfastness to Perspiration - AATCC TM15
(determines the fastness of colored textiles to perspiration)
- Colorfastness to Water - AATCC TM107 & AATCC TM162
(measures the resistance to water or chlorinated pool water of dyed, printed or otherwise colored textile yarns and fabrics)
- 3:25 Break
- 3:45 Appearance Retention - AATCC TM88B, AATCC TM88C, AATCC TM124, & AATCC TM143
(evaluates smoothness appearance of fabrics, seams, creases and/or garments after repeated home launderings)
- 4:45 Colorfastness to Washing - AATCC TM61
(accelerated procedure used to evaluate textiles which are expected to withstand frequent launderings)
- 5:30 Adjourn

THURSDAY, SEPTEMBER 26, 2019

- 8:30 Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester, D 3512
(covers the resistance to the formation of pills and other related surface changes on textile fabrics using the random tumble pilling tester)
- 9:00 Standard Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method), D 4966
(determines the abrasion resistance of textile fabrics using the Martindale abrasion tester)
- 9:30 Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Martindale Tester, D4970
(covers the determination of the resistance to the formation of pills and other related surface changes on textile fabrics using the Martindale tester)
- 10:00 Break
- 10:30 Soil Release - AATCC TM130
(evaluates the ability of a fabric to release oily stains during home laundering)
- 11:15 Colorfastness to Crocking - AATCC TM8, AATCC TM116, & AATCC TM165
(measures degree of color transferred from the surface of colored textile materials to other surfaces by rubbing)
- 12:00 Lunch
- 12:45 Water Repellency/Resistance - AATCC TM22, AATCC TM35, AATCC TM42, AATCC TM127, & AATCC TM208
(measures the resistance of fabrics to wetting and penetration by water)
- 1:45 Colorfastness to Light - AATCC TM16.3
(procedures used to evaluate colorants and textile materials)
- 2:30 AATCC Test Methods: Recent Updates
- 3:00 Distribution of Certificates and Adjourn

PROGRAM

This workshop is an intensive overview of the majority of tests needed to operate a textile laboratory. The program will consist of demonstrations and discussions by the AATCC staff of approximately 20 AATCC procedures for evaluating colorfastness and physical properties. ASTM methods, D 3512 Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics: Random Tumble Pilling Tester; D 4966, Standard Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method); and D4970, Standard Test Method for Pilling Resistance and Other Related Surface Changes of Textile Fabrics will also be discussed and demonstrated.

Sessions will be conducted on color basics and measurement. Participants will be shown how to use the AATCC Gray Scales for Staining and Color Change and the AATCC Chromatic Transference Scale.

REGISTRATION

Registration Fee: Individuals registering on or before Sept. 10 pay US\$1155 (US\$775 for individual and corporate AATCC members) and will include luncheons, breaks, a copy of the *AATCC Technical Manual*, and the ASTM procedures. After Sept. 10 the registration fee increases to US\$825 for AATCC members and US\$1205 for nonmembers. Registrants should bring a note pad.

To Register: Complete the attached form and mail it to AATCC, P.O. Box 12215, Research Triangle Park, NC 27709-2215 USA or fax to +1.919.549.8933. You may also register online at www.aatcc.org. Registrations will be confirmed by e-mail. Inquiries may be directed to Kim Nicholson at +1.919.549.3535 or nicholk@aatcc.org. **Refunds will be honored if cancellations are received on or before Sept. 10, 2019.** No refunds will be given after Sept. 10. A US\$75 cancellation fee will be charged.

Early registration is advised since previous Textile Testing Workshops have been "sold out". Attendance is limited to allow maximum hands-on participation.

ACCOMMODATIONS

Overnight accommodations are available at the Hotel Indigo Durham, 151 Tatum Drive, Durham, N.C. 27703 USA, telephone +1.919.474.3000. Contact the hotel directly and request the AATCC group rate of US\$117/night using code TTW. The group rate will be available until Sept. 10, 2019, or until the group block is sold-out, whichever comes first. Once the room block is filled the group rate will NOT be honored.

P.O. Box 12215
Research Triangle Park, NC 27709-2215
USA



INTRODUCTION to **TEXTILE** Testing Workshop including several ASTM methods



September 25-26, 2019

**AATCC Technical Center
Research Triangle Park, NC USA**