

BEST PRACTICE

There are 2 Best Practices to ensure test results that are meaningful in terms of customers' perspectives:

1

Products should be also tested/assessed in their end use environments.

For example, mechanical safety tests in industries of apparels and soft toys are much better conducted again after home laundering to secure the level of product integrity.

Another example is to use universal dummy loading (multifibre dummy loading), domestic detergents & actual washer/dryer used by consumers to conduct tests to ensure validity of testing.

2

Regular verification enhances the reliability of testing.

Instruments are calibrated reference materials are used, and then reliable test results will be sustainable?

Lab reliability and quality of testing can be comprehensively maintained by using standard samples as well as Proficiency Testing Programme (by **SDC Enterprises**)

1 FUNDAMENTAL REQUIREMENTS for all Softlines/Textile Testing

To simulate home laundering, there are 3 basic requirements:

1 STANDARD WASHER / DRYER

Many AATCC & BS EN ISO test methods require washer and dryer as basic equipment. Not only 100% AATCC washer/dryer, but also custom washing programs for the requirements by the top of global brands/major retailers for their product integrity policy/process.

Labtex LBT-M6



Labtex LBT-M6D

Key non-HE AATCC Tests: Appearance / Dimensional Stability / Colorfastness to Laundering

AATCC LPI	Table I	Table IIC	Table IID	Table IIIA	Table IIIB	More+	In line with your needs	Calibration	Verification/Validation
WTW4840YW		✓							
WTW4815YW					✓				
LBT-M6	✓	✓	✓	✓	✓		✓	✓	✓

2 MULTIFIBRE DUMMY LOADINGS / STANDARD BALLAST

Ballast is used together with sample(s) in tests so that actual washing / drying conditions can be made.

Multifibre Dummy Loading helps better appreciation for both colourfastness/appearance, dimensional stability and many others.



3 STANDARD REFERENCE DETERGENT / DOMESTIC DETERGENT

There are mainly two types of detergents used in textile testing. One is standard reference such as AATCC, SDC.... The other is domestic, it is used subject to consumers' preference.

Standard Reference Detergents

AATCC and SDC standard reference detergent were tightly controlled each lot to remain consistent and ensure it meets the specification of the AATCC and ISO standard.



Domestic Detergents

There are many different detergents in commercial market. To simulate the best users' environment, please choose where (which country) your products will be shipped to and we can recommend.

★ We can supply all detergents used in softlines testing.

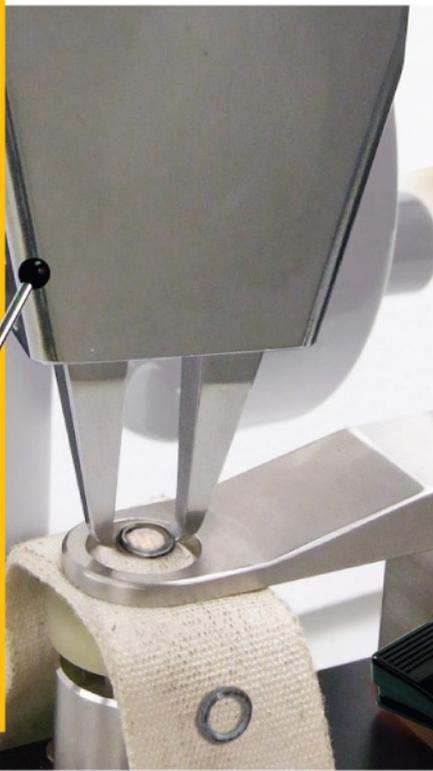


For the benefit of customers, safety tests, according to CPSIA, CPSC, EN71, and ASTM F963... should be also conducted again after home laundering procedures – a very basic end-use environment as a core process of product integrity policy.



Mechanical safety tests are especially important !

Unlike chemical tests..., poor product mechanical safety is mainly caused by bad workmanship or/and product design. Therefore, product mechanical safety should be well tested, from product design to its performance in end-use conditions.



★ GTE can supply all mechanical safety tester in softlines testing.



2 PROFICIENCY TESTING PROGRAMME (PTP) by using reference fabrics

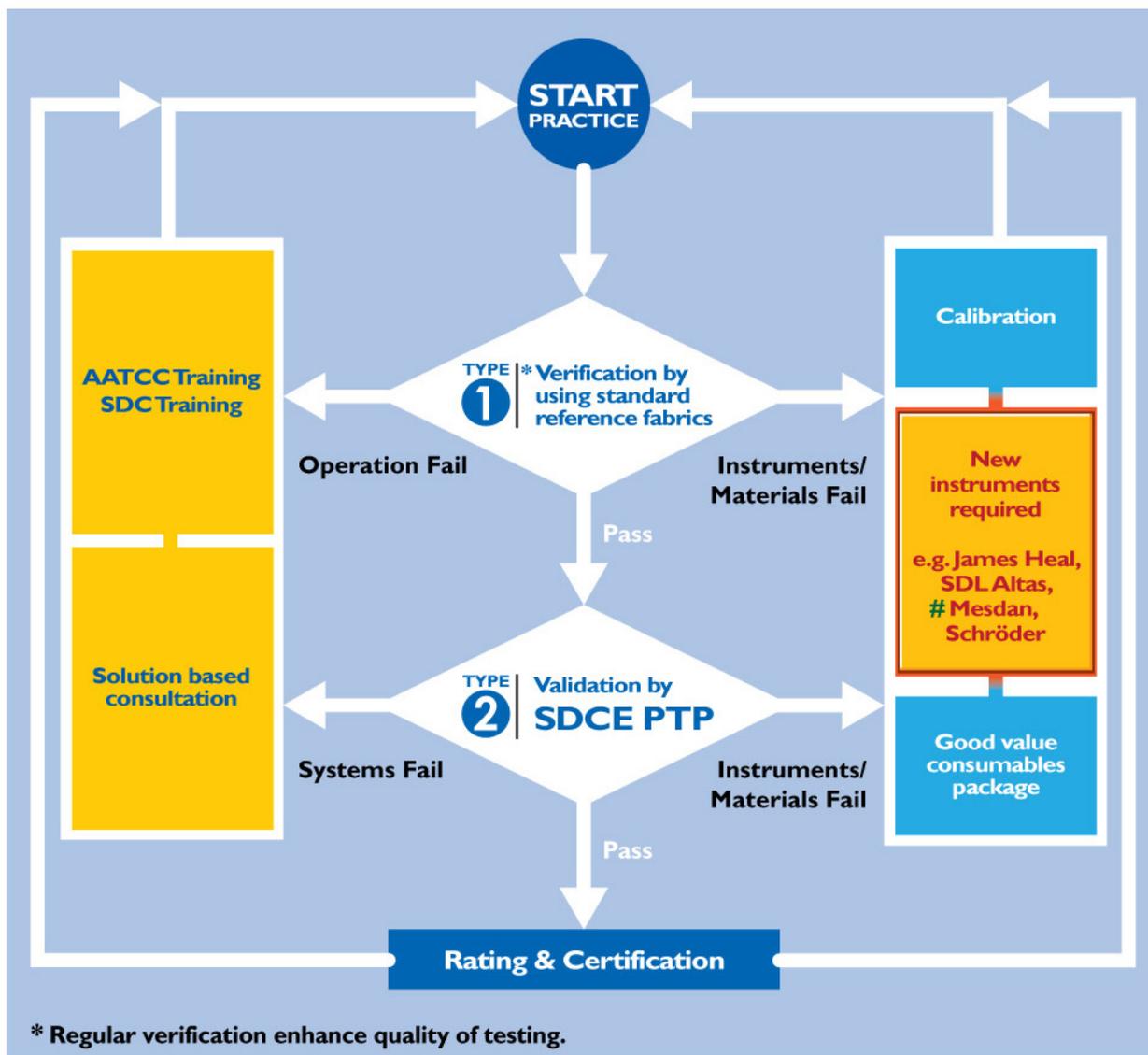


Lab reliability and quality of testing can be comprehensively maintained by SDC Proficiency Testing Programme (PTP).

Moreover, there are 2 key types of reference fabrics (standard samples) used in Verification & Validation Service

TYPE 1 The first ones is “standard verification fabrics” mainly used for national standards and regulations (Verification).

TYPE 2 The other is “bespoke verification fabrics” in line with your specific needs (Validation according to your actual requirements).



* Regular verification enhance quality of testing.

Free samples of type 1 fabrics are available upon request by email (info@gar-tex.com)

Technical Article illustrating how verification fabrics can be used to enhance lab reliability upon request.



HOW CAN PTP BENEFIT YOU?

Proficiency testing is relevant to all laboratories, garment manufacturers and retailers looking to strengthen their position as a genuine and reliable testing facility. Your voluntary participation in SDCE PTP gives you the opportunity to:

- ✓ **Audit your test procedures and technicians**
- ✓ **Discover your performance in confidence in relation to global average results**
- ✓ **Gain the kudos of participation in a globally-recognised independent benchmarking scheme**
- ✓ **Identify opportunities for improvement across your testing procedures**
- ✓ **Demonstrate ongoing improvement through repetition of SDCE PTP**
- ✓ **Maximise marketing opportunities through participation in the programme**



SDC Testfabrics *SWISSATEST*⁺



TABER[®]
INDUSTRIES



VeriVide



MULLEN TESTERS wfk Testmaterials

SML

SCHRÖDER
PRÜFTECHNIK



Empa

SATRA
TECHNOLOGY
CENTRE

How to Order?



Please tick what you need and fax us:

USA +1 570 603 0433 **Asia & Others** +852 3428 5517
email info@gar-tex.com **website** www.gar-tex.com

BASIC MACHINES & MECHANICAL SAFETY TESTERS

- M1 Universal Mechanical Safety Tester
we can offer Custom made Grips/Clamps for your specific needs
- M2 Sharp Edge Tester
- M3 Sharp Point Tester
- M4 Labtex LBT-M6 Washing Machine
- M5 Labtex AATCC Drying Machine

DUMMY / BALLAST FABRICS

- B1 AATCC Dummy I, 100% Cotton Ballast Fabric
- B2 AATCC Dummy III, 50% Polyester / 50% Cotton Ballast Fabric
- B3 80%Wool / 20% Cotton Drycleaning Ballast Fabric
- B4 SDC ISO 6330 Type I, 100% Cotton Ballast Fabric
- B5 SDC ISO 6330 Type II, 50% Polyester / 50% Cotton Ballast Fabric
- B6 SDC ISO 6330 Type III, 100% Polyester Ballast Fabric
- B7 SDC ISO 3175-2, Wool / Cotton Ballast Fabric
- B8 SDC ISO 3175-4, 50% Polyester / 50% Cotton Ballast Fabric
- B9 Multifibre Dummy Loading
- B10 Custom Made Dummy (Please specify)

VERIFICATION

- V1 For Colour Fastness Test
- V2 For Physical Test / Strength Test
- V3 For Pilling Test
- V4 For Abrasion Test
- V5 AATCC Light Transmission Verification Fabric
- V6 AATCC UV Calibration Reference Fabric
- V7 Verification / Validation consultation services

DETERGENTS

- | | | | |
|----|---|-----------------------------------|-------------------------------------|
| R1 | 1993 AATCC Standard Detergent WITH brightener | 2 lb box <input type="checkbox"/> | 24 lb drum <input type="checkbox"/> |
| R2 | 1993 AATCC Standard Detergent WITHOUT brighteners (WOB) | 2 lb box <input type="checkbox"/> | 24 lb drum <input type="checkbox"/> |
| R3 | AATCC HE (High Efficiency) Liquid Detergent WITH brightener | <input type="checkbox"/> | <input type="checkbox"/> |
| R4 | AATCC HE (High Efficiency) Liquid Detergent WITHOUT brightener (WOB) | <input type="checkbox"/> | <input type="checkbox"/> |
| R5 | Please specify standard number | <input type="checkbox"/> | <input type="checkbox"/> |
| | _____ | | |
| | _____ | | |
| R6 | Domestic Detergents (Please specify the name and nation)
Ariel, burti, Clorox, Horizon, MiR, Perwoll, Skip, Tide, etc. | <input type="checkbox"/> | <input type="checkbox"/> |
| | _____ | | |
| | _____ | | |

MEASUREMENT TOOLS

- T1 Universal Shinkage Template / Percentage Ruler for all key standard (e.g. ISO, AATCC ...)

Others? Please specify (e.g. Standard number or Name of the test required)

Company Name: _____

Contact: _____ Tel: _____

Address: _____

Email: _____

we need to know more / purchase others; details as:

Product name: _____



Distributed by:
TEXTTECH SOLUTIONS
 Rose View Plaza (3rd Floor)
 Suite : 407-408
 185, Bir Uttam C. R. Dutta Road Hatirpool
 Dhaka-1205, Bangladesh
 Contact : 0088-02-9614914-5, 01716058934
 E-Mail : texttech.solutions@gmail.com
 Web : www.texttechsolutions.com

* Subject to continuous product development, specifications change without prior notice.