

March 2008



NFPA 1851 INSTRUCTIONAL PROGRAM

Abbreviated printable version to electronic program

VERIFICATION MODULE



In this module, you will learn about

- The difference between an organization's trained personnel and verified personnel
- The requirements for verification to repair moisture barriers
- Organizations authorized to grant verification

Unless otherwise noted, references to CROSSTECH® moisture barrier in this module refer to all types of products in the GORE™ moisture barrier product family



This module covers the process for being verified to repair moisture barriers.

NFPA Verification Guidelines

- Garment manufacturers train emergency professionals and ISPs
- Third-party organizations provide verification for certain activities

Gore's Commitment

- Support garment manufacturers
- Specialize in CROSSTECH® moisture barriers

Garment manufacturers' guidelines supersede this program



Garment manufacturers are responsible for providing training on NFPA 1851–2008 edition for emergency professionals and ISPs. Only third-party certification organizations are authorized to provide verification for certain activities. Because moisture barriers are a component in turnout garments manufactured by other companies, Gore cannot provide garment-level training for ISPs.

Gore has provided information to support the efforts of garment manufacturers regarding the care and maintenance of CROSSTECH® moisture barriers; however, the manufacturers' guidelines supersede any information provided in this program.

NFPA Training Requirements

- PPE users
- Departmental personnel
- Verified ISPs

Training depends on complexity of the activity

Training versus verification

NFPA 1851 Compliance

- Complete appropriate training
- Meet requirements listed in Chapter 11



The NFPA 1851–2008 edition standard describes the level of training required for users, specially trained personnel within the department, and verified ISPs to perform certain activities relating to cleaning, inspecting, testing, and repairing a garment or garment element.

Some activities are very basic, such as routine inspection, but others are very complex, such as repairing a moisture barrier. Depending on the activity, the garment manufacturer provides training.

In addition to being trained, ISPs and fire departments can elect to become verified to perform additional activities.

Before starting any activity described in NFPA 1851–2008 edition, be sure that you have successfully completed the appropriate training listed in the standard’s chapter relating to that activity. Also, if your department elects to perform its own repairs or selects an ISP for repair, be sure that the personnel or ISP have met the full requirements listed in Chapter 11 of the standard.

Verification Requirements

- Select certification organization
- Identify verification categories
- Demonstrate testing and inspection competency
- Complete successful repairs
- Develop total quality system
- Agree to on-site visit
- Review annually
- Reapply annually



As specified in section 11.3 of NFPA 1851–2008 edition, only third-party certification organizations can grant verification for testing, inspection, and repair of moisture barriers. To receive verification from a third-party certification organization, you must:

- select a certification organization that meets the requirements listed in Chapter 11 of NSPA 1851
- decide which categories, including which repair levels, for which you are requesting verification
- demonstrate reasonable and consistently reliable proficiency in testing and inspection procedures
- successfully complete specific repairs for tears and holes [see Table 11.3.7(c) of the standard]
- develop a total quality system as detailed in section 11.4 of the standard, including such topics as: your policies and objectives for 1851-compliance, procedures for ensuring compliance, on-going internal audits to verify compliance, and methods for dealing with feedback and corrective actions if discrepancies are noted in your quality system
- agree to at least one random and unannounced on-site visit annually by the certification organization
- review your quality system at least annually for effectiveness
- apply for re-verification on an annual basis

Certifying Organizations

Intertek Testing Services (ITS)
3933 U. S. Route 11
Courtland, NY 13045
Phone: 800-967-5352, 607-753-6711
Fax: 607-756-9891

Underwriters' Laboratories, Inc. (UL)
12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Phone: 877-ULHELPS (877-854-3577)
Fax: 919-547-6100



Currently, two organizations are available to verify individuals and ISPs. These organizations may stipulate additional requirements beyond those listed in this module.

Equipment Providers

Heat Press:

You can purchase a crossover press by requesting a Gore Crossover Press from:

George Knight & Company

52 Perkins Street

Brockton, Massachusetts 02302

Phone: (800) 525-6766 or (508) 588-0186

Fax: (508) 587-5108

Email: info@heatpress.com

Website: <http://www.heatpress.com/>

Note: Heat press model number: Model DK-8 Digital Combo

Hydrostatic testing machine:

Can be purchased through your garment manufacturer.



To become verified, you must purchase a heat press and a hydrostatic testing machine.