



James City County Fire Department
TRAINING BULLETIN



January 21, 2015

Number 02-2015

PPE Inspection Procedure

New Item or Procedure: Personal Protective Equipment Inspection

Purpose:

- To provide direction in performing visual inspections of Personal Protective Equipment in accordance to NFPA 1851, Standard on *Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting*, 2008 ed.

Procedure:

- Visual Inspection is defined in Chapter 6.2 of NFPA 1851, Standard on *Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting* as “routine inspection”.

Coat and Trouser garment shall be inspected for the following:

- Soiling
- Contamination
- Physical damage such as the following: Rips, tears, and cuts; damaged or missing hardware and closure systems; thermal damage (charring, burn holes, melting, or discoloration of any layer)
- Damaged or missing reflective trim
- Loss of seam integrity and broken or missing stitches
- Correct assembly and size compatibility of shell, liner, and drag rescue device (DRD)

Hood shall be inspected for the following:

- Soiling
- Contamination
- Physical damage such as the following: Rips, tears, and cuts; thermal damage (charring, burn holes, melting, or discoloration of any layer)
- Loss of face opening adjustment
- Loss of seam integrity and broken or missing stitches

Helmet shall be inspected for the following:

- Soiling
- Contamination

- Physical damage to the shell such as the following: cracks, crazing, dents, and abrasions; thermal damage to the shell (bubbling, soft spots, warping, discoloration)
- Physical damage to the earflaps such as the following: rips, tears, and cuts; thermal damage (charring, burn holes, melting)
- Damaged or missing components of the suspension and retention systems
- Damaged or missing components of the face shield/google system including discoloration, crazing, and scratches limiting visibility
- Damaged or missing reflective trim
- Loss of seam integrity and broken or missing stitches

Gloves shall be inspected for the following:

- Soiling
- Contamination
- Physical damage such as the following: Rips, tears, and cuts; thermal damage (charring, burn holes, melting, or discoloration of any layer)
- Shrinkage
- Loss of elasticity or flexibility
- Loss of seam integrity and broken or missing stitches

Footwear shall be inspected for the following:

- Soiling
- Contamination
- Physical damage such as the following: Rips, tears, and cuts; thermal damage (charring, burn holes, melting, or discoloration of any layer); exposed or deformed steel toe, midsole, or shank
- Loss of water resistance
- Loss of seam integrity and broken or missing stitches

Drag Rescue Device (DRD) shall be inspected for the following:

- Installation in garment
- Soiling
- Contamination
- Physical damage such as the following: Rips, tears, and cuts
- Thermal damage (charring, burn holes, melting, or discoloration of any layer)
- Loss of seam integrity and broken or missing stitches