



MONTGOMERY COUNTY FIRE AND RESCUE SERVICE
MONTGOMERY COUNTY, MD
SAFETY OFFICE

PERSONAL PROTECTIVE GEAR INSPECTION CHECKLIST

General – Turnout

- _____ All turnout gear, gloves, hood and helmet are within 10yrs of manufacture date.
 - _____ Suede for holes and shrinkage – elbows, cuffs, knee pads
 - _____ Discoloration on PBI surface *If damaged the fabric will be weak and tear when tested*
 - _____ Char or heat damage on PBI surface
 - _____ Excessive grime and soot on PBI surface
 - _____ Tar, paint and melted vinyl on PBI surface.
 - _____ All PBI/Nomex for holes, rips, and/or abraded/worn areas – *inside pockets as well Any hole requires repair*
 - _____ All seams for loose stitches – *All layers - Any broken stitch requires repair*
 - _____ Velcro – *No white – Should make the ripping sound when pulling apart*
 - _____ All reflective trim including lettering for damage or shrinkage
- To test hold bright focused beam flashlight at eye level next to the temple 20 feet away from gear/trim. Compare brightness of new trim versus questionable trim.

Turnout Coat – Outer Shell

- _____ Collar for wear and holes
- _____ Throat tab stitching and Velcro
- _____ All double seams including pockets for broken stitches or loose threads
- _____ Both sleeves for holes and damaged scotchlite
- _____ Water wells for holes and delamination of Neoprene
- _____ Universal clip and radio pockets for loose stitches
- _____ Hook and Dee enclosure in front as well as all snaps

Pants – Outer Shell

- _____ Waist area for missing suspender buttons and holes where buttons should be
- _____ Hook and Dee closure at waist
- _____ Take-up straps on back waist with Velcro adjustments



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Turnout Coat – Inner Liner

- _____ Velcro at neck line to insure hooking to outer shell
- _____ All snaps attaching to outer shell (sleeves, neck front and bottom hemline)
- _____ Hand/Wrist guards for wear and holes and delamination – *pull wristlet apart to see holes*
- _____ Quilted thermal liner for holes or burns
- _____ Binding around liner to be sure it is attached

Turnout Pants – Inner Liner

- _____ Quilted thermal liner for holes or burns
- _____ Gore-Tex® / CROSSTECH® moisture barrier for holes and delamination
- _____ Test all snaps that attach inner/outer shell at waist and at bottom of legs

Hoods

- _____ Any foreign substance on fabric
- _____ Char, heat damage, holes, melting on fabric surface
- _____ Loss of elasticity on face opening
- _____ Seam integrity

Gloves

- _____ Foreign substance (tar/paint) on fabric
- _____ Loss of elasticity/flexibility on finger movement
- _____ Loss of elasticity on gauntlet – pull gauntlet apart to inspect for holes
- _____ Seam integrity – check between fingers and thumb apex for 1st signs
- _____ Liner pullout



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Helmets

- _____ Grime, soot, tar, or paint on shell
- _____ Fiberglass/Kevlar shell
 - Cracks longer than 1 inch
 - Any crack that is completely through the shell material
 - Soft spots equal to or larger than the thumb pad
 - Dull or chalky finish
 - Bead trim secure to helmet and aluminum core not exposed
 - Breakaway tabs (x2) present
- _____ Leather helmets
 - Rib stitching cut or broken
 - Exposed reinforcing wire
- _____ Face shield or Goggles
 - Blistered, bubbled, cracked or charred
 - Missing E-ring on face shield pivot
 - Elasticity of goggle straps
- _____ PBI/Nomex earflaps for holes, rips, and/or abraded/worn areas
- _____ Earflaps for attachment to shell/liner
- _____ Suspensions
 - Cracked, torn, or missing components
 - Brittle and/or discolored straps
 - Stripped adjustment/ratchet knob(s)
- _____ Reflective trim including lettering for charring, shrinkage, or missing
- _____ Chin Straps
 - Missing, cut or broken stitching
 - Strap torn or abraded
 - Clogged or worn out Velcro
 - Brittle or broken/missing quick release mechanism



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Footwear

- ☐ Foreign substance (tar/paint) on outer shell
- ☐ Loss of elasticity/flexibility on flexation
- ☐ Material damage – abrasion to toe/heel area, liner pull, pull tabs intact
- ☐ Steel toe and shank damage – feel inside for deformity – check for toe depression
- ☐ Sole tread wear