

	Fire District #1	GOG #:	21
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TURNOUT GEAR INSPECTION

1. Purpose:

To ensure proper and safe gear is worn by all members of the Hillsborough Township Fire District # 1.

2. Scope:

All current and prospective members within Hillsborough Township Fire District # 1.

3. Prerequisites:

N/A

4. Responsibilities:

Described in each section

5. Procedure:

A. Inspection of Coats and Trousers

1. There are two levels of inspection: Routine and Advanced. Any garments contaminated with hazardous materials or biological agents must be decontaminated before any inspection can occur. All turnout gear will be maintained as per PEOSHA/NFPA requirements.

2. Routine Inspections

- a. Routine inspections are to be performed by the firefighter after each use. This inspection should include at least the following.
 - 1) Soiling
 - 2) Contamination from Hazardous Materials or Biological Agents
 - 3) Damaged or missing reflective/fluorescent trim
 - 4) Physical damage
 - i. Rips, tears, and cuts
 - ii. Damaged or missing hardware and closure systems
 - iii. Thermal damage such as charring, burn holes and melting

3. Advanced Inspections

- a. Advanced inspections are conducted at least every twelve months. The inspection procedure involves the individual firefighter being present when the gear is being inspected. Records must be kept for advanced inspection. The inspection procedure includes all the items in the Routine Inspection in addition to the following;
 - 1) Loss of moisture barrier integrity as indicated by
 - i. Rips, tears, and cuts and abrasions
 - ii. Discoloration
 - iii. Thermal Damage
 - 2) Evaluation of system fit and coat/trouser overlap
 - 3) Loss of seam integrity, broken or missing stitches
 - 4) Material integrity; UV or chemical degradation and loss of or a shift in line of material.
 - 5) Wristlets: loss of elasticity, stretching, cuts, holes, and burns
 - 6) Reflective trim: reflectivity, breaking seams, and overall damage
 - 7) Label: legibility
 - 8) Closure functionality
 - 9) Liner attachment

B. Inspection of Helmets

1. When conducting an inspection of helmets, the following criteria must be followed.
 - a. Soiling
 - b. Damage to ear covers such as cuts, rips, burn spots, charring or melting.
 - c. Damage or missing components to the suspension and retention system.
 - d. Damage to the face shield or goggles including thermal, abrasive, scratches, or any properties that impair the ability to see through them.
 - e. Contamination from hazardous materials or biological agents
 - f. Physical damage including cracks, crazing, dents, and abrasions. Thermal damage such as bubbling, soft spots, warping or discoloration.

C. Inspection of Hoods

1. Hoods must be inspected for the following.
 - a. Contamination from hazardous materials or biological agents.
 - b. Physical damage such as rips, cuts, tears, charring, burn holes and melting.
 - c. Loss of elasticity in face opening.

D. Inspection of Gloves

1. Gloves must be inspected for the following.
 - a. Soiling
 - b. Flexibility
 - c. Physical damage
 - d. Rips, tears, and cuts
 - e. Shrinkage
 - f. Inverted liner
 - g. Thermal damage, charring, burn holes, melting
 - h. Contamination from hazardous materials or biological agents
 - i. Loss of wristlet elasticity

E. Inspection of Footwear

- layer
1. Footwear must be inspected for the following.
 - a. Soiling
 - b. Water resistance
 - c. Closure system
 - d. Excessive tread-wear
 - e. Lining condition, tears, excessive wear, and separation from outer
 - f. Heat counter failure
 - g. Contamination from hazardous materials or biological agents
 - h. Physical damage
 - i. Cuts, tears, punctures, cracking or splitting
 - ii. Thermal damage, charring, burn holes and melting
 - iii. Exposed/deformed steel toe, steel mid-sole and shank
 - iv. Loss of seam integrity, delamination, broken or missing
- stitches.

F. Retirement of Turnout Gear

1. In accordance with NFPA 1851, all PPE shall be removed from service if:
 - a. Any items that has been worn or damaged so the repairs are not cost effective shall be retired. These items shall not be reused.
 - b. Any item that has been contaminated so that decontamination is not possible or cost effective shall be retired. These items shall not be reused.
 - c. Any item that has been contaminated by chemicals, biological agents or radiological particulates shall be retired. These items shall not be reused.
 - d. Any item no longer of use to the district for emergency operations but are not contaminated, defective or damaged shall be retired. These items may be used for training purposes but not live-fire training.
 - e. Any item used in an event of a serious injury or death of a firefighter shall be removed from service. These items shall be handled as evidence, establishing a chain of custody, and tagged and stored appropriately while awaiting examination by experts.

RETIREMENT NOTE: While NFPA 1851 section 10.1.2 states:

Structural firefighting ensembles and ensemble elements shall be retired in accordance with 10.2.1 or 10.2.2, no more than 10 years from the date the ensembles or ensemble elements were manufactured.

PEOSH does not require PPE be retired more than 10 years from the date of manufacture based on date alone. PEOSH does require the PPE be inspected as per the above requirements.



Hillsborough Fire District Personal Protective Equipment Inspection Checklist

Member Name:	Inspection Date:

Instructions:

1. This checklist shall be used for all structural firefighting ensembles only.
2. Soiled or contaminated gear shall be cleaned prior to inspection.

Definitions:

- Soiled - Soil easily transfers from one surface to another (soot, dirt, mud, etc.). Contamination
- Presence of a visual or odorous foreign substance (chemicals, fuels etc.).

3. Universal precautions shall be used if the gear is soiled or contaminated (gloves, dust-mask, etc. as required).
4. The following inspection elements should not be considered all inclusive. In the event something is found that requires further inspection, the gear is to be sent out for an Advanced Inspection to an approved vendor (Minerva, etc.).
5. The inspection should in no way be interpreted as complying with the Advanced Inspection requirements established by NFPA 1851 "*Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting*", 2020 edition.
6. Place an X in the appropriate box (P)ass or (F)ail.

Helmet Make/Model:	DOM:		S/N:		
	P	F		P	F
Contamination			Suspension system		
Soiling			Damaged or missing reflective trim		
Shell Damage: Cracks, Crazing, abrasions or thermal damage			Liner Damage: Rips/tears or thermal damage		
			Loss of Seam Integrity		
Damaged/missing components			Adjustability of the suspension system		

Eye Protection	TYPE:				
	P	F		P	F
Damaged or missing components to faceshield or goggle system					

Hood	DOM:		S/N:		
	P	F		P	F
Contamination			Rips, tears, cuts or thermal damage		
Soiling			Loss of Seam Integrity (missing stitches)		
Loss of Face Opening Integrity					

Footwear Make/Model:	DOM:		S/N:		
	P	F		P	F
Contamination			Rips, tears, cuts or thermal damage		
Soiling			Loss of water resistance		
Closure system damage			Loss of Seam Integrity: Broken/missing stitching		
Damage: Toe/Mid-sole/Shank					

Drag Rescue Device (DRD)	DOM:		S/N:		
	P	F		P	F

Contamination			Properly installed		
Soiling			Condition of the Pull-Tab (damaged/missing Velcro)		
Cuts, tears, punctures, splitting or thermal damage			Loss of Seam Integrity: Broken/missing stitching		

Coat Make/Model		DOM:		S/N:	
	P	F		P	F
Contamination			Rips, tears, cuts or thermal damage		
Soiling			Correctly assembled		
2" Coat to Pants overlap			Loss of Seam Integrity: Broken/missing stitching		
Damaged or missing hardware			Retro-Reflectivity of reflective trim		
Closure system integrity			Condition of wristlets (sleeve/glove interface)		

Pants Make/Model		DOM:		S/N:	
	P	F		P	F
Contamination			Rips, tears, cuts or thermal damage		
Soiling			Correctly assembled		
Damaged or missing hardware			Loss of Seam Integrity: Broken/missing stitching		
Closure system integrity			Retro-Reflectivity of reflective trim		

Gloves Make/Model:		DOM:		S/N:	
	P	F		P	F
Contamination			Rips, tears, cuts or thermal damage		
Soiling			Inverted liner		
Shrinkage			Loss of Seam Integrity: Broken/missing stitching		
Loss of elasticity and Flexibility			Condition of gauntlets/cuffs		

Interface Components Items		(Cuffs and Collars)			
	P	F		P	F
Contamination			Loss of effectiveness		
Soiling			Physical damage		
Loss of Seam Integrity					

Comments:

ANY DAMAGE NOT INCLUDED IN THIS CHECKLIST SHALL REQUIRE AN ADVANCED INSPECTION

Inspected by:	Signature:
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