



Town of Bristol Fire Department Standard Operating Procedure

Ground Ladder Inspection

May 31, 2022

Table of Contents

SOP:

Title:

6-01

Extension Ladders

6-02

Roof Ladder

6-03

Attic Ladder

**Town of Bristol Fire Department
Standard Operating Procedures**

SECTION
6-01

**Inspection & Maintenance
of Extension Ladders**

REVISION
5-31-2022
NEXT REVISION DATE
5-31-2023

Purpose: To outline proper inspection and maintenance of the departments ground ladders.

Scope: All extension ladders owned by Bristol Fire Department.

Responsibility: It is the responsibility all fire fighters to ensure ladders are in proper working order.

Policy: All extension ladders will be inspected once a month.

Procedure:

- 1) Check heat sensor for a change indicating heat exposure
- 2) Check all rungs for tightness
- 3) Check all bolts and rivets for tightness
- 4) Check all welds for crack or defects
- 5) Check beams and rungs for cracks, wavy conditions, dents, or deformations
- 6) Check butt spurs for excessive wear or defects
- 7) Check halyard for fraying or kinking
- 8) Check pulleys and cable for proper operation
- 9) Check slide area for absence of wax. Wax if necessary.
- 10) Check pawl's for correct operations.
- 11) Check cable while ladder is in bedded position to ensure snugness.
- 12) Ensure ladder is clean

If ladder fails any of the above steps, the ladder will be taken out of service and the failure will be reported to a company officer.

Town of Bristol Fire Department Standard Operating Procedures		
SECTION 6-02	Inspection & Maintenance of Roof Ladders	REVISION 5-31-2022 NEXT REVISION DATE 5-31-2023

Purpose: To outline proper inspection and maintenance of the departments ground ladders.

Scope: All roof ladders owned by Bristol Fire Department.

Responsibility: It is the responsibility all fire fighters to ensure ladders are in proper working order.

Policy: All roof ladders will be inspected once a month.

Procedure:

- 1) Check heat sensor for a change indicating heat exposure
- 2) Check all rungs for tightness
- 3) Check all bolts and rivets for tightness
- 4) Check all welds for crack or defects
- 5) Check beams and rungs for cracks, wavy conditions, dents, or deformations
- 6) Check butt spurs for excessive wear or defects
- 7) Check roof hooks for sharpness and proper operation, lubricate if necessary
- 8) Ensure ladder is clean

If ladder fails any of the above steps, the ladder will be taken out of service and the failure will be reported to a company officer.

Town of Bristol Fire Department Standard Operating Procedures		
SECTION 6-03	Inspection & Maintenance of Attic Ladders	REVISION 5-31-2022 NEXT REVISION DATE 5-31-2023

Purpose: To outline proper inspection and maintenance of the departments ground ladders.

Scope: All roof ladders owned by Bristol Fire Department.

Responsibility: It is the responsibility all fire fighters to ensure ladders are in proper working order.

Policy: All attic ladders will be inspected once a month.

Procedure:

- 1) Check heat sensor for a change indicating heat exposure
- 2) Check all rungs for tightness
- 3) Check all bolts and rivets for tightness
- 4) Check and welds for crack or defects
- 5) Check beams and rungs for cracks, wavy conditions, dents, or deformations
- 6) Check Butt spurs for excessive wear or defects
- 7) Check diagonal brace bar for damage
- 8) Ensure ladder opens and closed properly, lubricate if necessary
- 9) Ensure ladder is clean

If ladder fails any of the above steps, the ladder will be taken out of service and the failure will be reported to a company officer.