

EMERGENCY SERVICES DIVISION PROCEDURE BROOKHAVEN NATIONAL LABORATORY	Procedure No. FR-BIP-2.0.5 Revision No. 1 Page 1 of 3
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Title: Criteria for Fire Protection Systems in Trailers and the Inspection of those Systems

1.0 PURPOSE:

1.1 This procedure applies to all portable structures, movable facilities, etc. that are not conventional buildings, but are used for BNL operations. It defines the requirements for protection systems in trailers, etc. It assigns responsibilities for review of protection systems and recommendations.

1.2 Trailers are assigned to a schedule for fire inspections through the Fire Protection Bar Code Data Base System

2.0 RESPONSIBILITIES:

2.1 The designated building inspector (B.I.) is responsible for inspections.

2.2 The B.I. updates trailer movements.

2.3 The B.I. produces inspection recommendations.

3.4 The Captain reviews recommendations and inspection schedules. Updates are passed to the Senior Fire Protection (FP) Engineer.

3.5 The department who owns the trailer is responsible for assuring appropriate fire protection.

<p>PREPARED BY:</p> <p>C. LaSalla</p> <p>_____</p> <p>Author/Date</p> <p>Filing Code:</p> <p>FR20SR.01</p>	<p>REVIEWED BY:</p> <p>J. Levesque</p> <p>_____</p> <p>Deputy Manager/Date</p> <p>J. Vaz</p> <p>_____</p> <p>Division QAC/Date</p>	<p>APPROVED BY:</p> <p>F. Marotta</p> <p>_____</p> <p>Division Manager/Date</p> <p>EFFECTIVE DATE:</p> <p>_____</p> <p>Review Cycle: 3 years</p>
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3.0 DEFINITIONS:

EMERGENCY SERVICES DIVISION PROCEDURE BROOKHAVEN NATIONAL LABORATORY	Procedure No. FR-BIP-2.0.5
	Revision No. 1
Title: Criteria for Fire Protection Systems in Trailers and the Inspection of those Systems	Page 2 of 3

4.0 PREREQUISITES:

5.0 PRECAUTIONS:

6.0 PROCEDURE:

- 6.1 The B.I. should attempt to gain access into the trailer, after examining the trailer's exterior. Inspection schedules contain previous access information. This field should be updated by marking in red the new information. When a trailer cannot be accessed with a reasonable effort, a note is to be made on the bottom of the Inspection Schedule. This will allow for the Duty Captain's concurrence on the recommendation.
- 6.2 If a trailer is not at the location indicated, reasonable attempts should be made to find the correct location. As a minimum, this means contacting the Department/Division ES&H Coordinator who is recorded as being responsible for the area.
 - 6.2.1 If the new location can be determined, note the new location in red on the Inspection Schedule Form. Correct location, and address fields as appropriate.
 - 6.2.2 IF the location cannot be determined, write on inspection sheet – “Cannot Locate” and date. The Inspection Schedule will be closed-out by a FP Engineer with the notation in the comment that trailer could not be located.
- 6.3 When a trailer is found which appears to need a suppression or detection system, the B.I. is to make this recommendation on an Inspection Memorandum. This is to be specifically reviewed with the Duty Captain.

Criteria for Special Suppression Systems:

1st Priority - (no exceptions) - All trailers or combustible portable structures within any building.

NOTE: Trailers within buildings are to have automatic sprinklers installed above and below the trailers.

2nd Priority - All trailers or temporary structures which contain BNL owned high value equipment with an aggregate value

EMERGENCY SERVICES DIVISION PROCEDURE BROOKHAVEN NATIONAL LABORATORY	Procedure No. FR-BIP-2.0.5
Title: Criteria for Fire Protection Systems in Trailers and the Inspection of those Systems	Revision No. 1 Page 3 of 3

greater than \$250,000, or which contain highly flammable materials and seriously expose a BNL structure (i.e. located within 20 feet of a BNL structure).

NOTE: BNL does not require this protection for trailers or temporary structures containing non-BNL equipment if these trailers do not expose BNL facilities (i.e. are greater than 20 feet from BNL structures and do not communicate via combustible constructions to within 20 feet of the BNL structures). However, BNL will assist the user in obtaining appropriate fire protection systems if desired. Any system installed must be reliable and compatible with the BNL alarm system to which it is connected.

3rd Priority - All other combustible trailers or temporary structures which provide moderate or serious exposure hazards to BNL structures (located within 20 feet of a building, or combustible interconnected trailers or structures, the nearest point of which is within 20 feet of a building).

Fire Detection in Trailers:

It is desirable that all occupied trailers or similar structures be equipped with fire detection/alarm services; even if the trailer does not meet the more stringent requirements for an automatic extinguishing system. The Building Inspector is to prepare an Inspection Memorandum recommending fire detection for any occupied trailer which does not have this service.

7.0 IMPLEMENTATION AND TRAINING:

8.0 REFERENCES:

9.0 ATTACHMENTS: