

APPENDIX B TO PART 234—ALTERNATE METHODS OF PROTECTION UNDER 49 CFR 234.105(C), 234.106, AND 234.107(C)

[This is a summary—see body of text for complete requirements]

	Flagger for each direction of traffic	Police officer present	Flagger present, but not one for each direction of traffic	No flagger/no police
False Activation	Normal Speed	Normal Speed	Proceed with caution—maximum speed of 15 mph.	Proceed with caution—maximum speed of 15 mph.
Partial Activation* ...	Normal Speed	Normal Speed	Proceed with caution—maximum speed of 15 mph.	Proceed with caution—maximum speed of 15 mph.
Activation Failure**	Normal Speed	Normal Speed	Proceed with caution—maximum speed of 15 mph.	Stop: Crewmember flag traffic and reboard.

*Partial activation—full warning not given.
 Non-gated crossing with one pair of lights designed to flash alternatively, one light does not work (and back-lights from other side not visible).

Gated crossing—gate arm not horizontal; or any portion of a gate arm is missing if that portion had held a gate arm flashing light.

**Activation failure includes—if more than 50% of the flashing lights on any approach lane not functioning; or if an approach lane has two or more pairs of flashing lights, there is not at least one pair operating as intended.

PART 235—INSTRUCTIONS GOVERNING APPLICATIONS FOR APPROVAL OF A DISCONTINUANCE OR MATERIAL MODIFICATION OF A SIGNAL SYSTEM OR RELIEF FROM THE REQUIREMENTS OF PART 236

- Sec.
- 235.1 Scope.
- 235.3 Application.
- 235.5 Changes requiring filing of application.
- 235.7 Changes not requiring filing of application.
- 235.8 Relief from the requirements of part 236 of this title.
- 235.9 Civil penalty.
- 235.10 Contents of application.
- 235.12 Additional required information-prints.
- 235.13 Filing procedure.
- 235.14 Notice.
- 235.20 Protests.

APPENDIX A TO PART 235—SCHEDULE OF CIVIL PENALTIES

AUTHORITY: 49 U.S.C. 20103, 20107, and 49 CFR 1.49.

SOURCE: 49 FR 3380, Jan. 26, 1984, unless otherwise noted.

§ 235.1 Scope.

This part prescribes application for approval to discontinue or materially modify block signal systems, interlockings, traffic control systems, automatic train stop, train control, or cab signal systems, or other similar appliances, devices, methods, or systems, and provides for relief from part 236 of this title.

§ 235.3 Application.

- (a) Except as provided in paragraph (b) of this section, this part applies to railroads that operate on standard gage track which is part of the general railroad system of transportation.
- (b) This part does not apply to rail rapid transit operations conducted over track that is used exclusively for that purpose and that is not part of the general system of railroad transportation.

§ 235.5 Changes requiring filing of application.

- (a) Except as provided in § 235.7, applications shall be filed to cover the following:
 - (1) The discontinuance of a block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system or other similar appliance or device;
 - (2) The decrease of the limits of a block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system; or
 - (3) The modification of a block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system.
- (b) [Reserved]

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§ 235.7 Changes not requiring filing of application.

- (a) It is not necessary to file an application for approval of the following discontinuances:

§ 235.7

49 CFR Ch. II (10-1-02 Edition)

(1) Removal of block signal system, interlocking, traffic control system, automatic train stop, train control, or cab signal system from track approved for abandonment by formal proceeding;

(2) Removal of devices and associated signals used to provide protection against unusual contingencies such as landslide, burned bridge, high water, high and wide load, or tunnel protection when the unusual contingency no longer exists;

(3) Removal of an interlocking where a drawbridge has been permanently closed by the formal approval of another government agency; or

(4) Removal from service not to exceed six months of block signal system, interlocking, or traffic control system necessitated by catastrophic occurrence such as derailment, flood, fire, or hurricane.

(b) When the resultant arrangement will comply with part 236 of this title, it is not necessary to file for approval to decrease the limits of a system as follows:

(1) Decrease of the limits of an interlocking when interlocked switches, derails, or movable-point frogs are not involved;

(2) Removal of electric or mechanical lock from hand-operated switch in automatic block signal or traffic control territory where train speed over switch does not exceed 20 miles per hour; or

(3) Removal of electric or mechanical lock from hand-operated switch in automatic block signal or traffic control territory where trains are not permitted to clear the main track at such switch.

(c) When the resultant arrangement will comply with part 236 of this title, it is not necessary to file an application for approval of the following modifications:

(1) A modification that is required to comply with an order of the Federal Railroad Administration or any section of part 236 of this title;

(2) The installation of an automatic block signal or a traffic control system to replace manual block or non-signalized territory;

(3) The installation of a traffic control system to replace a roadway automatic block signal system

(discontinuance of an automatic train stop, train control, or cab signal system is not permitted without FRA approval);

(4) The installation of an automatic train stop, train control, or cab signal system in an existing automatic block or traffic control system;

(5) The installation of a continuous inductive automatic train stop system to replace an existing intermittent inductive automatic train stop system;

(6) The installation of a continuous inductive automatic train stop system to supplement an existing automatic cab signal system;

(7) The installation of an automatic train control system to replace an existing automatic train stop system or to supplement an existing automatic cab signal system;

(8) The installation of an interlocking to replace existing stop signs, gates, or pipe-connected derails protecting a railroad crossing at grade;

(9) The installation of all relay type locking to replace existing mechanical or electromechanical locking of an interlocking;

(10) The installation of an additional controlled point in existing traffic control system;

(11) The installation of an interlocking in an existing block signal system;

(12) The conversion of a hand-operated switch, a hand-operated switch locked either electrically or mechanically, or a spring switch to a power-operated switch;

(13) The conversion of a spring switch to a hand-operated switch, or to a hand-operated switch locked either electrically or mechanically;

(14) The removal or relocation of signals associated with a spring switch converted to hand operation;

(15) The installation, relocation, or removal of signals to specifically provide adequate stopping distance;

(16) The change of aspects;

(17) The relocation of a signal to improve preview of signal aspect visibility;

(18) To replace a signal with a signal of another type;

Federal Railroad Administration, DOT

§ 235.10

(19) To change an approach signal to operative or inoperative signal, or remove an approach signal not required by §236.310 of this title;

(20) The change in location of a machine from which an interlocking or traffic control system is controlled;

(21) The closing of a manual block station or the change in hours during which a manual block station is attended;

(22) The change in hours during which a manual interlocking is attended provided the interlocking operates for all routes over which train movements are permitted;

(23) The installation of devices used to provide protection against unusual contingencies such as landslide, burned bridges, high water, high and wide loads, or dragging equipment;

(24) The installation, relocation, or removal of signals, interlocked switches, derails, movable-point frogs, or electric locks in an existing system directly associated with:

(i) The installation of new track;

(ii) The elimination of existing track other than a second main track;

(iii) The extension or shortening of a passing siding;

(iv) Elimination of second main track where signal system main track is arranged to provide both opposing and following protection for train movements provided second main track is physically removed; or

(v) A line relocation; or

(vi) The conversion of pole line circuits to electronic (coded) track circuits provided that the railroad gives notice and a profile plan of the change to the FRA regional office having jurisdiction over that territory at least 60 days in advance of the change. The railroad must also at the same time provide a copy of the notice and profile plan to representatives of employees responsible for maintenance, inspection and testing of the signal system under 49 CFR Part 236. The signal system modification will be deemed acceptable, unless within 60 days, the Regional Administrator stays action by written notice to the railroad and refers the issue to the Railroad Safety Board for decision.

(25) The temporary or permanent arrangement of existing systems neces-

sitated by highway rail separation construction. Temporary arrangements shall be removed within six months following completion of construction.

[49 FR 3380, Jan. 26, 1984, as amended at 61 FR 33873, July 1, 1996]

§ 235.8 Relief from the requirements of part 236 of this title.

Relief from the requirements of the rules, standards and instructions contained in part 236 of this title will be granted upon a adequate showing by an individual carrier. Relief heretofore granted to any carrier shall constitute relief to the same extent as relief granted under the requirements of this part.

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§ 235.9 Civil penalty.

Any person (an entity of any type covered under 1 U.S.C. 1, including but not limited to the following: a railroad; a manager, supervisor, official, or other employee or agent of a railroad; any owner, manufacturer, lessor, or lessee of railroad equipment, track, or facilities; any independent contractor providing goods or services to a railroad; and any employee of such owner, manufacturer, lessor, lessee, or independent contractor) who violates any requirement of this part or causes the violation of any such requirement is subject to a civil penalty of at least \$500 and not more than \$11,000 per violation, except that: Penalties may be assessed against individuals only for willful violations, and, where a grossly negligent violation or a pattern of repeated violations has created an imminent hazard of death or injury to persons, or has caused death or injury, a penalty not to exceed \$22,000 per violation may be assessed. Each day a violation continues shall constitute a separate offense. See appendix A to this part for a statement of agency civil penalty policy.

[63 FR 11623, Mar. 10, 1998]

§ 235.10 Contents of applications.

(a) The application may be submitted by letter and shall contain the following information: