

Title 204 WAC

STATE PATROL (COMMISSION ON EQUIPMENT)

Chapters 204-10

Equipment standards.

Chapter 204-10 WAC EQUIPMENT STANDARDS

WAC

204-10-020

Lighting devices.

WAC 204-10-020 Lighting devices. Aftermarket neon lighting devices may not be used on motor vehicles while they are in motion on public roadways.

(1) Federal Motor Vehicle Safety Standard (FMVSS) 108 and Society of Automotive Engineers (SAE) J 578 are hereby adopted by references as the standards for the following aftermarket lighting devices:

- (a) Headlamps
- (b) Taillamps
- (c) Stoplamps
- (d) License plate lamps
- (e) Turn signal lamps
- (f) Side marker lamps
- (g) Intermediate side marker lamps
- (h) Backup lamps
- (i) Identification lamps
- (j) Clearance lamps
- (k) Parking lamps
- (l) Reflex reflectors
- (m) Intermediate reflex reflectors
- (n) Intermediate side reflex reflectors
- (o) Intermediate side marker reflectors
- (p) Turn signal operating units
- (q) Turn signal flashers
- (r) Vehicular hazard warning signal operating units
- (s) Vehicular hazard warning signal flashers
- (t) Motorcycle headlamps
- (u) Center high mounted/third brake light

(2) Society of Automotive Engineers standards are hereby adopted by reference as the standard for the following lighting devices:

- (a) Fog lamps (SAE J583), aftermarket fog lamps shall be white to amber only
- (b) Fog tail lamps (SAE J1319)
- (c) Auxiliary driving lamps (SAE J581), shall be white only and are not intended to be used alone or with the lower beam of a standard headlamp system
- (d) Spot lamps (SAE J591)
- (e) Cornering lamps (SAE J852)
- (f) Supplemental high-mounted stop and rear turn signal lamps (SAE J1957 and J2068)

- (g) Side turn signal lamps (SAE J914)
- (h) 360 degree emergency warning lamps (SAE J845)
- (i) Flashing warning lamps for agricultural equipment (SAE J974)
- (j) Flashing warning lamps for authorized emergency, maintenance, and service vehicles (SAE J595)
- (k) Flashing warning lamp for industrial equipment (SAE J96)
- (l) Green lamp for use on volunteer fireman's private vehicle (SAE J595) - flashing warning lamps for authorized emergency, maintenance, and service vehicles.
- (m) Color of the lens shall be green as that color is described in SAE Standard J578 (Color specifications for electric signal lighting devices) rather than red or amber as specified in SAE J595.

(n) Side cowl, fender, or running board courtesy lamps (SAE J575)

(3) Standards promulgated by the commission on equipment for the following lighting devices shall be as set forth in the Washington Administrative Code chapters as indicated:

(a) Deceleration alert lamp system (chapter 204-62 WAC)

(b) Headlamp modulator (chapter 204-78 WAC)

(c) Headlamp flashing system (chapter 204-80 WAC)

(d) School bus warning lamps (chapter 204-74A WAC)

(e) Additional hazard strobe lamp. Municipal transit vehicles (as defined in RCW 46.04.355) may be equipped with a single additional hazard strobe lamp. Such lamps must meet the Class I requirements of SAE Standard J1318

(i) A clear lens strobe lamp, less than eight inches in height, may be mounted on the centerline of the roof in the rear one-half of the bus

(ii) The hazard strobe lamp will be activated by a switch independent of all other lamp switches. The hazard strobe lamp switch shall be plainly labeled and have a pilot lamp that shall indicate when the lamp is in operation

(iii) The use of a hazard strobe lamp is permitted only when the bus is occupied with passengers and one or more of the following conditions exist:

(A) The bus is in motion in inclement, sight obscuring conditions, including, but not limited to rain, fog, snow, and smoke;

(B) There is a need to improve the visibility of the bus when stopping, standing, or starting onto a highway or there is limited visibility caused by geographic hazards, such as winding roadways, hills, trees, etc.

The strobe lamp shall not be activated solely because of darkness.

[Statutory Authority: RCW 46.37.005. 07-10-064, § 204-10-020, filed 4/30/07, effective 5/31/07. Statutory Authority: RCW 46.37.005 and 46.37.-320. 99-18-027, § 204-10-020, filed 8/24/99, effective 9/24/99; 98-19-040, § 204-10-020, filed 9/11/98, effective 10/12/98; 98-04-053, § 204-10-020, filed 1/30/98, effective 3/2/98. Statutory Authority: RCW 46.37.005. 83-11-028 (Order 83-05-01), § 204-10-020, filed 5/13/83. Statutory Authority: RCW 46.37.005, 46.37.194, 46.37.280, 46.37.310, 46.37.320 and 46.37.380. 81-18-008 (Order 81-08-02), § 204-10-020, filed 8/21/81.]