

### § 228.311

passes through a sleeping compartment, the pathway up to the compartment will be illuminated, but illumination is not required inside the sleeping compartment.

(2) Toilet and shower rooms shall have controlled lighting that will illuminate the room to values of at least 10 foot-candles measured at the floor.

(3) Other areas shall have controlled lighting that will illuminate the room area to values of at least 30 foot-candles measured at the floor.

(g) *Temperature.* Each camp car must be provided with equipment capable of maintaining a temperature of at least 68 degrees Fahrenheit (F.) during cold weather and no greater than 75 degrees F. during hot weather. A temperature of at least 68 degrees F. during cold weather and no greater than 75 degrees F. during hot weather must be maintained within an occupied camp car unless the equipment is individually controlled by its occupant(s).

(h) *Noise control.* Noise levels attributable to noise sources under the control of the railroad shall not exceed an  $L_{eq}(8)$  value of 55 dB(A), with windows and doors closed and exclusive of noise from cooling, heating, and ventilating equipment, for any 480-minute period during which the facility is occupied.

### § 228.311 Minimum space requirements, beds, storage, and sanitary facilities.

(a) Each camp car used for sleeping purposes must contain at least 80 square feet of floor space for each occupant, with a maximum of four occupants per car. At least a 7-foot ceiling, measured at the entrance to the car, must be provided.

(b) A bed, cot, or bunk for each occupant and suitable lockable storage facility, such as a lockable wall locker, or space for a lockable foot locker for each occupant's clothing and personal articles must be provided in every room used for sleeping purposes. Except where partitions are provided, such beds or similar facilities must be spaced not closer than 36 inches laterally (except in rail-mounted modular units, where the beds shall be spaced not closer than 30 inches, and highway trailer units, where the beds shall be spaced not closer than 26 inches) and 30

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inches end to end, and must be elevated at least 12 inches from the floor. Multi-deck bunks, multi-deck bunk beds, and multi-deck similar facilities may not be used.

(c) Unless otherwise provided by a collective bargaining agreement, clean linens must be provided to each occupant.

(d) In a camp car where occupants cook, live, and sleep, a minimum of 120 square feet of floor space per occupants must be provided. Sanitary facilities must be provided for storing and preparing food. *See also* § 228.325.

### § 228.313 Electrical system requirements.

(a) All heating, cooking, ventilation, air conditioning, and water heating equipment must be installed in accordance with an industry-recognized standard. Upon request by FRA, the railroad must identify the industry-recognized standard that it utilizes and establish its compliance with that standard.

(b) All electrical systems installed, including external electrical supply connections, must be compliant with an industry-recognized standard. Upon request by FRA, the railroad must identify the industry-recognized standard that it utilizes and establish its compliance with that standard.

(c) Each occupied camp car shall be equipped with or serviced by a safe and working HVAC system.

### § 228.315 Vermin control.

Camp cars shall be constructed, equipped, and maintained to prevent the entrance or harborage of rodents, insects, or other vermin. A continuing and effective extermination program shall be instituted where the presence of vermin is detected.

### § 228.317 Toilets.

(a) *Number of toilets provided.* Each individual camp car that provides sleeping facilities must have one room with a functional toilet for a total of one or two occupants, and one additional room with a functional toilet if there are a total of three or four occupants.

(b) *Construction of toilet rooms.* Each toilet room must occupy a separate compartment with a door that latches

and have walls or partitions between fixtures sufficient to assure privacy.

(c) *Supplies and sanitation.* (1) An adequate supply of toilet paper must be provided in each toilet room, unless provided to the occupants individually.

(2) Each toilet must be kept in a clean and sanitary condition and cleaned regularly when the camp car is being used. In the case of a non-water carriage toilet facility, it must be cleaned and changed regularly when the camp car is being used.

(d) *Sewage disposal facilities.* (1) All sanitary sewer lines and floor drains from a camp car toilet facility must be connected to a public sewer where available and practical, unless the car is equipped with a holding tank that is emptied in a sanitary manner.

(2) The sewage disposal method must not endanger the health of occupants.

(3) For toilet facilities connected to a holding tank, the tank must be constructed in a manner that prevents vermin from entry and odors from escaping into the camp car.

#### § 228.319 Lavatories.

(a) *Number.* Each camp car that provides a sleeping facility must contain at least one functioning lavatory for a total of one or two occupants and an additional functional lavatory if there is a total of three or four occupants.

(b) *Water.* Each lavatory must be provided with hot and cold potable running water. The water supplied to a lavatory must be from a potable water source supplied through a system maintained as required in § 228.323.

(c) *Soap.* Unless otherwise provided by a collective bargaining agreement, hand soap or similar cleansing agents must be provided.

(d) *Means of drying.* Unless otherwise provided by a collective bargaining agreement, individual hand towels, of cloth or paper, warm air blowers, or clean sections of continuous cloth toweling must be provided near the lavatories.

#### § 228.321 Showering facilities.

(a) *Number.* Each individual camp car that provides sleeping facilities must contain a minimum of one shower for a total of one or two occupants and an additional functional shower if the

camp car contains a total of three or four occupants.

(b) *Floors.* (1) Shower floors must be constructed of non-slippery materials;

(2) Floor drains must be provided in all shower baths and shower rooms to remove waste water and facilitate cleaning;

(3) All junctions of the curbing and the floor must be sealed; and

(4) There shall be no fixed grate or other instrument on the shower floor significantly hindering the cleaning of the shower floor or drain.

(c) *Walls and partitions.* The walls and partitions of a shower room must be smooth and impervious to the height of splash.

(d) *Water.* An adequate supply of hot and cold running potable water must be provided for showering purposes. The water supplied to a shower must be from a potable water source supplied through a system maintained as required in § 228.323.

(e) *Showering necessities.* (1) Unless otherwise provided by a collective bargaining agreement, body soap or other appropriate cleansing agent convenient to the showers must be provided.

(2) Showers must be provided with hot and cold water feeding a common discharge line.

(3) Unless otherwise provided by a collective bargaining agreement, each occupant who uses a shower must be provided with an individual clean towel.

#### § 228.323 Potable water.

(a) *General requirements.* (1) Potable water shall be adequately and conveniently provided to all occupants of a camp car for drinking, personal oral hygiene, washing of person, cooking, washing of foods, washing of cooking or eating utensils, and washing of premises for food preparation or processing.

(2) Open containers such as barrels, pails, or tanks for drinking water from which the water must be dipped or poured, whether or not they are fitted with a cover, are prohibited.

(3) A common drinking cup and other common utensils are prohibited.

(b) *Potable water source.* (1) If potable water is provided in bottled form, it shall be stored in a manner recommended by the supplier in order to