

Draft Requirements for Emergency Lighting

Proposal for amendments (to replace para. 7.8.3. in SDWEE02-07Rev5):

7.8.3, amend to read: Vehicles of classes II, III and B shall be equipped with an emergency lighting system

Add new para

7.8.3.1.: It shall be possible for the driver to activate the emergency lighting system from the driver's seating position

7.8.3.2 The operation of the emergency control of any service- or emergency door shall activate the emergency lighting system.

7.8.3.3 The power supply for the emergency lighting shall be suitably located within the vehicle to minimise the risk of its continued operation being prejudiced as the result of an accident.

7.8.3.4 All units providing the emergency lighting shall produce a white light.

7.8.3.5 The uniformity of illuminance of the lighting shall be assessed in accordance with the following measures:

Maximum uniformity of illuminance = $\frac{\text{Maximum lighting level recorded}}{\text{Average lighting level recorded}}$

Minimum uniformity of illuminance = $\frac{\text{Minimum lighting level recorded}}{\text{Average lighting level recorded}}$

7.8.3.6. The emergency lighting system shall provide a minimum illuminance of 10 lux directly under each light unit in the passenger compartment at a height of 750 mm above the access passage or gangway.

7.8.3.7. The uniformity of the illuminance over the length of the passenger compartment at a height of 750 mm above the access passage or gangway shall be between 0.15 and 2.

7.8.3.8. The emergency lighting system shall provide a minimum illuminance of 1 lux at floor level in the access passage or gangway and at the centre of any step, at step level.

7.8.3.9. Conformity with the uniformity requirements shall be demonstrated over a period of at least 30 minutes from initiation of the emergency lighting by measurements taken at intervals not exceeding 2 metres.

Transitional provisions: New Types: 36 months
First registration:48 months

18.01.2012, Richard Damm, Michael Becker