

## SCHEDULE 7

Regulations 20(1) and 49

### RESPONSIBILITIES OF CARRIERS

#### **Segregation of packages etc during transport and storage in transit**

1. Packages, overpacks and freight containers containing radioactive material must be segregated during transport and during storage in transit—

- (a) from places occupied by persons and from undeveloped photographic film, for radiation exposure control purposes, in accordance with regulation 25; and
- (b) from other dangerous goods in accordance with regulation 36.

2. Category II-YELLOW or III-YELLOW packages or overpacks must not be carried in compartments occupied by passengers, except those exclusively reserved for couriers specially authorised to accompany such packages or overpacks.

3. No persons other than the driver and assistants must be permitted in vehicles carrying packages, overpacks or freight containers bearing category II-YELLOW or III-YELLOW labels.

#### **Stowage during transport and storage in transit**

4. Consignments must be securely stowed.

5. Provided that its average surface heat flux does not exceed  $15 \text{ W/m}^2$  and that the immediately surrounding cargo is not in sacks or bags, a package or overpack may be carried or stored among packaged general cargo without any special stowage provisions except as may be specifically required by the competent authority in an applicable approval certificate.

6. Loading of freight containers and accumulation of packages, overpacks and freight containers must be controlled as follows—

- (a) except under the condition of exclusive use, the total number of packages, overpacks and freight containers aboard a single vehicle must be so limited that the total sum of the transport indexes aboard the vehicle does not exceed 50. For consignments of LSA-I material there shall be no limit on the sum of the transport indexes;
- (b) where a consignment is transported under exclusive use, there shall be no limit on the sum of the transport indexes aboard a single vehicle;
- c) the radiation level under routine conditions of transport must not exceed  $2 \text{ mSv/h}$  at any point on, and  $0.1 \text{ mSv/h}$  at 2 m from, the external surface of the vehicle;
- (d) the total sum of the criticality safety indexes (CSI) in a freight container not under exclusive use and aboard a vehicle not under exclusive use must not exceed 50. For large containers and vehicles under exclusive use, the CSI must not exceed 100.

7. Any package or overpack having either a transport index greater than 10, or any consignment having a criticality safety index greater than 50, must be transported only under exclusive use.

8. For consignments under exclusive use, the radiation level must not exceed—

- (a)  $10 \text{ mSv/h}$  at any point on the external surface of any package or overpack, and may only exceed  $2 \text{ mSv/h}$  provided that—
  - (i) the vehicle is equipped with an enclosure which, during routine conditions of transport, prevents the access of unauthorized persons to the interior of the enclosure, and
  - (ii) provisions are made to secure the package or overpack so that its position within the vehicle remains fixed during routine conditions of transport, and

**Status:** This is the original version (as it was originally made).

(iii) there is no loading or unloading during the shipment;

**b)** 2 mSv/h at any point on the outer surfaces of the vehicle, including the upper and lower surfaces, or, in the case of an open vehicle, at any point on the vertical planes projected from the outer edges of the vehicle, on the upper surface of the load, and on the lower external surface of the vehicle; and

**c)** 0.1 mSv/h at any point 2 m from the vertical planes represented by the outer lateral surfaces of the vehicle, or, if the load is transported in an open vehicle, at any point 2 m from the vertical planes projected from the outer edges of the vehicle.

#### **Segregation of packages containing fissile material during transport and storage in transit**

**9.** The number of packages, overpacks and freight containers containing fissile material stored in transit in any one storage area must be so limited that the total sum of the criticality safety indexes in any group of such packages, overpacks or freight containers does not exceed 50. Groups of such packages, overpacks and freight containers must be stored so as to maintain a spacing of at least 6 m from other groups of such packages, overpacks or freight containers.

**10.** Where the total sum of the criticality safety indexes on board a vehicle or in a freight container exceeds 50, storage must be such as to maintain a spacing of at least 6 m from other groups of packages, overpacks or freight containers containing fissile material or other conveyances carrying radioactive material.

#### **Undeliverable Consignments**

**11.** Where a consignment is undeliverable, the consignment must be placed in a safe location and the Secretary of State must be informed as soon as possible and a request made for instructions on further action.

**12.** Vehicles must be equipped in accordance with the provisions of ADR paragraph 8.1.4