**Economic Commission for Europe**

Inland Transport Committee

**Working Party on the Transport of Dangerous Goods**

**113th session 10 May 2023**

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Item 6 of the provisional agenda

**Interpretation of ADR**

Comments on ECE/TRANS/WP.15/2023/5 – Scope of ADR

Transmitted by the Government of the Switzerland

Introduction

1. In response to the request by the secretariat, Switzerland provides below information concerning the national transport of dangerous goods by vehicles not covered by ADR and the classification of micro mobility vehicles.

Transport of dangerous goods with vehicles not covered by ADR

2. In Switzerland, the transport of dangerous goods by motor vehicles and their trailers or **by other means of transport** on roads open to motor vehicles is subject to the regulations on the transport of dangerous goods[[1]](#footnote-2).

3. These other means of transport are non-motorised vehicles such as cycles, handcarts, carts and animal-drawn vehicles[[2]](#footnote-3).

4. According to the same regulation, motor vehicles include motor cars (three- and four-wheeled) and other motor vehicles, including electric cycles.

5. Consequently, all vehicles regulated in Swiss law are subject to the provisions on the transport of dangerous goods, including cycles with an auxiliary engine with a maximum capacity of less than 50 cm³ and other transport devices not covered by ADR.

6. Although the Swiss law requires these types of transport to comply with the provisions of the ADR, it does not lay down specific provisions adapted to micro mobility vehicles.

Classification of micro mobility vehicles

7. The table below shows how electric cycles are classified in Switzerland[[3]](#footnote-4). This classification is currently under review and may change in the next few years. If necessary, Switzerland will provide updated information at a later stage.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Slow electric cycles and scooters** | **Fast electric cycles and mopeds** | **Rickshaw-type vehicles** |
|  |  |  |  |
| **Subtype** | Light mopeds | Mopeds | Electric rickshaws |
| **Type** | Mopeds | Mopeds | Light motorcycles |
| **Total power (motor/s)** | Max. 500 W | Max. 1000 W | Max. 2 kW |
| **Maximum speed:** |  |  |  |
| **without assistance** (100% electric) | 20 km/h | 30 km/h | 20 km/h |
| **with pedal assistance** | 25 km/h | 45 km/h | 25 km/h |
| **Total weight** | Max. 200 kg | Max. 200 kg | Max. 450 kg |
| **More than 2 wheels** | Authorized | Not authorized | Authorized |
| **Driver's seat** | Not required (not regulated) | Required |  |
| **License plate and road permit** | Not required | Required | Required |
| **Driving licence[[4]](#footnote-5)** | Category M.  Minimum age 14 years.  Not required above 16 years. | Category M.  Minimum age 14 years. | Category A1 (or B or F in domestic traffic).  Minimum age 15 years. |

1. See article 1 of «Ordinance on the transport of dangerous goods by road» on <https://www.fedlex.admin.ch/eli/cc/2002/685> . [↑](#footnote-ref-2)
2. See articles 9 to 24 of « Ordinance on technical requirements for road vehicles » on [https://www.fedlex.admin.ch/eli/cc/1995/4425\_4425\_4425](https://www.fedlex.admin.ch/eli/cc/1995/4425_4425_4425/) . [↑](#footnote-ref-3)
3. See full list of requirements for the approval and use of electric mopeds, cycles, scooters and rikshaws on <https://www.astra.admin.ch/astra/fr/home/themes/verkehrsregeln/vehicules-tendance.html> . [↑](#footnote-ref-4)
4. According to Ordinance regulating the admission of persons and vehicles in road traffic (<https://www.fedlex.admin.ch/eli/cc/1976/2423_2423_2423>). [↑](#footnote-ref-5)