

Information on transport of mobility devices and batteries from the Australian Dangerous Goods Code 2020 Edition 7.7 Attachment 1

1. Battery powered mobility devices with the battery connected

Australian Dangerous Goods Code, 2020, Edition 7.7 page 475:

PART 3: DANGEROUS GOODS LISTS, SPECIAL PROVISIONS AND EXCEPTIONS

UN No.	Name and Description	Class or Division	Subsidiary Hazard	UN Packing Group	Special Provisions	Limited Quantities	Excepted Quantities	Packagings & IBCs		Portable Tanks & Bulk Containers	
								Packing Instruction	Special Packing Provisions	Instructions	Special Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
<i>Ref</i>	<i>3.1.2</i>	<i>2</i>	<i>2</i>	<i>2.0.1.3</i>	<i>3.3</i>	<i>3.4</i>	<i>3.5</i>	<i>4.1.4</i>	<i>4.1.4</i>	<i>4.2.5</i> <i>4.3.2</i>	<i>4.2.5</i>
3171	BATTERY-POWERED VEHICLE or BATTERY-POWERED EQUIPMENT Not subject to the Code	9			123 388	0	E0	None			

and p655

PART 3: DANGEROUS GOODS LISTS, SPECIAL PROVISIONS AND EXCEPTIONS:

SP123 Not subject to this Code. This entry in the Dangerous Goods List applies only when transported by air or sea.

SP388

For the purpose of this special provision, vehicles are self-propelled apparatus designed to carry one or more persons or goods. Examples of such vehicles are cars, motorcycles, scooters, three- and four-wheeled vehicles or motorcycles, trucks, locomotives, bicycles (pedal cycles with a motor) and other vehicles of this type (e.g. self-balancing vehicles or vehicles not equipped with at least one seating position), wheelchairs, lawn tractors, self-propelled farming and construction equipment, boats and aircraft. This includes vehicles transported in a packaging. In this case some parts of the vehicle may be detached from its frame to fit into the packaging.

2. Wet, non-spillable batteries

Australian Dangerous Goods Code, 2020, Edition 7.7 page 416:

UN No.	Name and Description	Class or Division	Subsidiary Hazard	UN Packing Group	Special Provisions	Limited Quantities	Excepted Quantities	Packagings & IBCs		Portable Tanks & Bulk Containers	
								Packing Instruction	Special Packing Provisions	Instructions	Special Provisions
(1)	(2)	(3)	(4)	(5)	(6)	(7a)	(7b)	(8)	(9)	(10)	(11)
<i>Ref</i>	<i>3.1.2</i>	<i>2</i>	<i>2</i>	<i>2.0.1.3</i>	<i>3.3</i>	<i>3.4</i>	<i>3.5</i>	<i>4.1.4</i>	<i>4.1.4</i>	<i>4.2.5</i> <i>4.3.2</i>	<i>4.2.5</i>
2800	BATTERIES, WET, NON-SPILLABLE, electric storage	8			238	1 L	E0	P003	PP16		

and pages 662-663

PART 3: DANGEROUS GOODS LISTS, SPECIAL PROVISIONS AND EXCEPTIONS:

SP238 (a) Batteries can be considered as non-spillable provided that they are capable of withstanding the vibration and pressure differential tests given below, without leakage of battery fluid.

Vibration test: The battery is rigidly clamped to the platform of a vibration machine and a simple harmonic motion having an amplitude of 0.8 mm (1.6 mm maximum total excursion) is applied. The frequency is varied at the rate of 1 Hz/min between the limits of 10 Hz and 55 Hz.

The entire range of frequencies and return is traversed in 95 ± 5 minutes for each mounting position (direction of vibration) of the battery. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for equal time periods.

Pressure differential test: Following the vibration test, the battery is stored for six hours at 24°C ± 4°C while subjected to a pressure differential of at least 88 kPa. The battery is tested in three mutually perpendicular positions (to include testing with fill openings and vents, if any, in an inverted position) for at least six hours in each position.

NOTE: Non-spillable type batteries which are an integral part of and necessary for the operation of mechanical or electronic equipment, must be securely fastened in the battery holder on the equipment and protected in such a manner as to prevent damage and short circuits.

(b) Non-spillable batteries are not subject to this Code if, at a temperature of 55 °C, the electrolyte will not flow from a ruptured or cracked case and there is no free liquid to flow and if, when packaged for transport, the terminals are protected from short circuit.