Draft UN GTR on in-vehicle battery durability for electrified vehicles, applicability

**Category 1**
- LDV, LDT and MDPVs < 3,500 kg
- M1 and M2 < 3,500 kg

**Category 2**
- N1 Only

**GVWR by Class**
- MDPVs and HDVs 3500 - 4535 kg
- LDTs 3500 - 3855 kg

*- other qualifications than GVWR, or maximum laden, mass apply*
"This UN GTR applies to PEV and OVC-HEV vehicles of categories 1-2 and 2, both having a technically permissible maximum laden mass not exceeding 3,500 kg, and to all vehicles of category 1-1”

• "Category 1 vehicle" means a power driven vehicle with four or more wheels designed and constructed primarily for the carriage of (a) person(s).

• “Category 1-1 vehicle" means a category 1 vehicle comprising not more than eight seating positions in addition to the driver’s seating position. A category 1-1 vehicle cannot have standing passengers

• "Category 1-2 vehicle" means a category 1 vehicle designed for the carriage of more than eight passengers, whether seated or standing, in addition to the driver and having a maximum mass not exceeding 5 tonnes

• "Category 2 vehicle" means a power driven vehicle with four or more wheels designed and constructed primarily for the carriage of goods
Gross vehicle weight rating (GVWR) means the value specified by the manufacturer as the maximum design loaded weight of a single vehicle, consistent with good engineering judgment.

LDV/T means light-duty vehicles and light-duty trucks collectively, without regard to category.

Light-duty vehicle means a passenger car or passenger car derivative capable of seating 12 passengers or less.

Light-duty truck means any motor vehicle rated at 8,500 pounds GVWR or less which has a curb weight of 6,000 pounds or less and which has a basic vehicle frontal area of 45 square feet or less, which is:

(1) Designed primarily for purposes of transportation of property or is a derivation of such a vehicle; or
(2) Designed primarily for transportation of persons and has a capacity of more than 12 persons; or
(3) Available with special features enabling off-street or off-highway operation and use.

Medium-duty passenger vehicle (MDPV) means any heavy-duty vehicle (as defined in this subpart) with a gross vehicle weight rating (GVWR) of less than 10,000 pounds that is designed primarily for the transportation of persons. The MDPV definition does not include any vehicle which:

(1) Is an “incomplete truck” as defined in this subpart; or
(2) Has a seating capacity of more than 12 persons; or
(3) Is designed for more than 9 persons in seating rearward of the driver’s seat; or
(4) Is equipped with an open cargo area (for example, a pick-up truck box or bed) of 72.0 inches in interior length or more. A covered box not readily accessible from the passenger compartment will be considered an open cargo area for purposes of this definition.

Heavy-duty vehicle means any motor vehicle rated at more than 8,500 pounds GVWR or that has a vehicle curb weight of more than 6,000 pounds or that has a basic vehicle frontal area in excess of 45 square feet. Note that MDPVs are heavy-duty vehicles that are in many cases subject to requirements that apply for light-duty trucks.