

COMMITTEE OF EXPERTS ON THE TRANSPORT OF DANGEROUS GOODS AND ON THE GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION AND LABELLING OF CHEMICALS

Sub-Committee of Experts on the
Transport of Dangerous Goods

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Item 4 of the provisional agenda

LISTING, CLASSIFICATION AND PACKING

UN 3166, ENGINE INTERNAL COMBUSTION or VEHICLE, FLAMMABLE GAS POWERED or, VEHICLE, FLAMMABLE LIQUID POWERED

Transmitted by the US Fuel Cell Council

Background

1. This Informal Paper proposes to amend the proposals made in ST/SG/AC.10/C.3/2008/34 for the entry UN 3166, ENGINE INTERNAL COMBUSTION or VEHICLE, FLAMMABLE GAS POWERED or, VEHICLE, FLAMMABLE LIQUID POWERED. These revisions reflect advice received from the experts from the United Kingdom, France and Belgium. The changes are summarized below

Summary

1. Revise the entry to reflect proper lower case text.
2. Revise the entry to reflect “FUEL CELL ENGINE and VEHICLE, FUEL CELL POWERED in each case.
3. Revise Special Provisions SP 312 and SP 240 to reflect “machinery powered by a fuel cell engine” and the other changes discussed above.

Proposal

It is proposed to amend ST/SG/AC.10/C.3/2008/34 to read as follows:

Changes are in blue.

1. In section 3.2.1, revise UN 3166 as follows:

3166	ENGINE, INTERNAL COMBUSTION or VEHICLE, FLAMMABLE GAS POWERED or VEHICLE, FLAMMABLE LIQUID POWERED or <u>FUEL CELL ENGINE, or VEHICLE, FUEL CELL POWERED with flammable gas or VEHICLE, FUEL CELL POWERED with flammable liquid</u>	9			106 312	0	E0	NONE			
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5. In section 3.3.1 amend SP 312 as underlined below:

312 Vehicles which contain an internal combustion engine shall be consigned under the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED as appropriate. These entries include hybrid electric vehicles powered by both an internal combustion engine; and wet batteries, sodium batteries or lithium batteries, transported with the battery(ies) installed.

Vehicles or machinery powered by a fuel cell engine, shall be consigned under the entries UN 3166 VEHICLE, FUEL CELL POWERED with flammable gas or UN 3166 VEHICLE, FUEL CELL POWERED with flammable liquid as appropriate. These entries include hybrid electric vehicles containing both a fuel cell and an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the battery(ies) installed.

6. In section 3.3.1 amend SP 240 as underlined below:

240 This entry only applies to vehicles and equipment powered by wet batteries, sodium batteries or lithium batteries and transported with these batteries installed. Examples of such vehicles and equipment are electrically-powered cars, lawnmowers, wheelchairs and other mobility aids. Hybrid electric vehicles powered by both an internal combustion engine and wet batteries, sodium batteries or lithium batteries, transported with the battery(ies) installed shall be consigned under the entries UN 3166 VEHICLE, FLAMMABLE GAS POWERED or UN 3166 VEHICLE, FLAMMABLE LIQUID POWERED, as appropriate. Vehicles which contain a fuel cell shall be consigned under the entries UN 3166 VEHICLE, FUEL CELL POWERED with flammable gas or UN 3166 VEHICLE, FUEL CELL POWERED with flammable liquid as appropriate.