

**Committee of Experts on the Transport of Dangerous Goods
and on the Globally Harmonized System of Classification
and Labelling of Chemicals**

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**Sub-Committee of Experts on the Transport of
Dangerous Goods**

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Item 3 of the provisional agenda

Listing, classification and packing

**Transport of transformers with gas cylinders—revision of
2019/42 and INF. 46**

Transmitted by the expert from Germany

Proposal

Add the following special provision in Chapter 3.3:

“XXX Large and robust articles may be transported with connected gas cylinders with the valves open regardless of 4.1.6.1.5 provided

(a) The gas cylinders contain nitrogen of UN 1066 or compressed gas of UN1956 or compressed air of UN1002

(b) The gas cylinders are connected with the article through pressure regulators and fixed piping in such a way that the pressure of the gas (gauge pressure) in the article does not exceed 35 kPa (0.35 bar).

(c) Gas cylinders shall be properly secured so that they cannot move in relation to the article and be fitted with strong and pressure resistant hoses and pipes-

(d) Gas cylinders, pressure regulators, piping and other components shall be protected from damage and impacts during transport by wooden crates or other suitable means.

(e) The transport document shall include the following statement “Transport in accordance with special provision XXX”.

(f) Cargo transport units containing articles transported with cylinders with open valves containing a gas presenting a risk of asphyxiation shall be well ventilated and shall be marked in accordance with 5.5.3.6.“

In Chapter 3.2, insert “xxx” in column 6 of the Dangerous Goods List for UN 3538.
