

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

Working Party on the Transport of Dangerous Goods
Seventy-fifth session,
Geneva, 19-23 January 2004
agenda item 5 (b)

Cylinders used for hot air balloons

Reference document: TRANS/WP.15/2004/15

Submitted by Germany

Proposal 1:

Modification of the scope:

"Cylinders used for hot air balloons and hot air ships ...".

- Germany proposes an extension of the scope of the UK-Proposal because of the necessity of the aviation authorities to include hot air ships.

Proposal 2:

Add to 2, letter f:

"The test pressure shall be not less than 26 Bar"

- The aim of the above mentioned proposal (2004/15) is the authorisation of special lightweight pressure receptacles which are in service for more than 10 years.
Due to the compliance of the general philosophy of safety regarding the design of pressure receptacles and the set pressure of PRD's Germany recommends to consider this fact to add a requirement according the necessary test pressure of these receptacles.

Proposal 3:

Add to 2, letter f:

"Receptacles designed according to the reference temperature of 65 °C may be equipped with relief devices with a set pressure of 35 bar"

- A lot of pressure receptacles used for hot air ships and balloons are equipped with a PRD which opens at a set pressure of 35 bar. The design and reference temperature of these receptacles are in line with ADR. Therefore, these receptacles shall be included in the UK-Proposal to create a possibility for all kind of receptacles which are in service in Europe for this purpose.
