

**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

18 June 2024

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Item 2 (b) of the provisional agenda

Explosives and related matters:

Improvement of test series 8

**Comments in document ST/SG/AC.10/C.3/2024/8 -
“Amendments to UN 8(e) (Minimum Burning Pressure)
Test”**

Transmitted by the expert from the United Kingdom

I. Background

1. If the changes proposed in document ST/SG/AC.10/C.3/2024/8 - Amendments to UN 8(e) (Minimum Burning Pressure) Test (Japan) are adopted by the Sub-Committee, then the expert from the United Kingdom would suggest editorial changes to some of the wording contained therein.

II. Proposals

2. Existing text in the proposal at paragraph 18 of document ST/SG/AC.10/C.3/2024/8:
“...It is recommended that the sample is introduced into the test cell through the slit with a syringe, if the sample has not so high viscosity. Introduction of the sample into the cell should be done with caution to avoid causing crystallization of the sample and introducing air voids in the sample...”

Replace with:

*“...Introduction of the sample into the cell should be done with caution to avoid causing crystallisation of the sample and introducing air voids in the sample e.g. **by use of a syringe where the viscosity of the sample allows.** Once the ignition...”*

3. Existing text in the proposal at paragraph 21 of document ST/SG/AC.10/C.3/2024/8:
“As an adiabatic gas compression raises its temperature, the test should be started after the gas temperature drops to room temperature. The value of the pressure transducer is then recorded as the initial pressure.”

Replace with:

*“As **compression raises the temperature of an adiabatic gas temperature**, the test should be started after the gas temperature drops to room temperature **or the gas pressure has stabilised.** The value of the pressure transducer is then recorded as the initial pressure.”*