



Economic Commission for Europe**Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Joint Meeting of the RID Committee of Experts and
the Working Party on the Transport of Dangerous Goods**

Geneva, 19–29 September 2023

Item 2 of the provisional agenda:

Tanks**Clarification of RID/ADR 4.3.4.2.1 on the temperature of the
external tank surface****Transmitted by the Government of France*, *****Summary*

Executive summary:	This document aims to better define the requirement under 4.3.4.2.1 regarding the temperature of the external surface of a tank, with regard to the wording of 4.2.1.4.
Action to be taken:	Amend 4.3.4.2.1.

Introduction

1. RID/ADR 4.3.4.2.1 specifies that “where hot substances are loaded, the temperature of the outer surface of the tank or of the thermal insulation shall not exceed 70 °C during carriage.”
2. This requirement has posed difficulties of interpretation, particularly when temperature measurements are taken at the top of the tank, close to openings.
3. RID/ADR 4.2.1.4, which was drafted more recently, deals with the same subject for portable tanks, excluding the openings and closures of shells.
4. To clarify this requirement for tanks in Chapter 6.8 of RID/ADR, France proposes to amend 4.3.4.2.1 by adding this exclusion, as follows.

* A/77/6 (Sect. 20), table 20.6

** Circulated by the Intergovernmental Organization for International Carriage by Rail (OTIF) under the symbol OTIF/RID/RC/2023/54.



Proposal

5. Amend 4.3.4.2.1 to read as follows (new text is underlined):
“Where hot substances are loaded, the temperature of the outer surface of the tank, excluding openings and their closures, or of the thermal insulation shall not exceed 70 °C during carriage.”

Justification

6. The clarification makes it easier to apply the requirement.
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