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**Economic Commission for Europe****Inland Transport Committee****Working Party on the Transport of Dangerous Goods****Hundredth session**

Geneva, 9–13 May 2016

Item 6 (b) of the provisional agenda

**Proposals for amendments to Annexes A and B of ADR:  
miscellaneous proposals****Possibility of electronic processes in the examination of ADR  
vehicle drivers****Transmitted by the Government of Germany<sup>1</sup>***Summary*

**Executive summary:** The current provisions of ADR 1.8.3 and ADR 8.2.2 stipulate that the examinations must be "in writing". In September 2015, the Joint Meeting of the RID Committee of Experts and the Working Party on the Transport of Dangerous Goods endorsed the principle of including provisions for the use of electronic procedures for safety adviser examinations. Following the note to the Working Party to make equivalent amendments to ADR 8.2.2 for the examination of ADR vehicle drivers the following proposal is submitted by the Government of Germany.

**Action to be taken:** Amendment of/additions to the provisions concerning the examination of ADR vehicle drivers in ADR 8.2.2. The proposed amendments are equivalent to the texts adopted by the Joint Meeting for the examination of safety advisers in ADR 1.8.3.

**Reference document:** ECE/TRANS/WP.15/AC.1/2015/140/Add.1 Report of the Joint Meeting in September 2015, Adopted texts

<sup>1</sup> In accordance with the draft programme of work of the Inland Transport Committee for 2016-2017, (ECE/TRANS/WP.15/2015/19 (9.2)).

## Introduction

1. The current provisions of RID/ADR/ADN 1.8.3 and RID/ADR/ADN 8.2.2 stipulate that the examinations must be "in writing".
2. At the last Joint Meeting session (Geneva, 15 to 25 September 2015), Germany submitted document ECE/TRANS/WP.15/AC.1/2015/26, the aim of which was to introduce electronic processes in the examination of safety advisers and ADR vehicle drivers as a possible alternative to the written examination.
3. The Joint Meeting endorsed the principle of including provisions for the use of electronic procedures for safety adviser examinations.
4. It was agreed that the amendments concerning only a specific mode of transport should be considered by the relevant bodies. The Working Party could check whether the possibility of electronic examinations could also be introduced in ADR 8.2.2.
5. The draft amendments adopted in ECE/TANS/WP.15/AC.1/2015/140/Add.1 for Chapter 1.8.3 (Safety adviser) are now accordingly modified for Chapter 8.2.2 (Special requirements concerning the training of drivers).
6. New text is formatted as underlined.

## Proposals for amendments to Chapter 8.2

7. Amend 8.2.2.7.1.5 to read as follows: "Each competent authority shall supervise the modalities of the examination; including, if necessary, the infrastructure and organisation of electronic examinations in accordance with 8.2.2.7.1.8, if these are to be carried out;".

(Reference document: ECE/TRANS/WP.15/AC.1/140/Add.1).

8. After 8.2.2.7.1.6 add a new 8.2.2.7.1.7 and a new 8.2.2.7.1.8 to read as follows:

"8.2.2.7.1.7 Every examination shall be invigilated. Any manipulation and deception shall be ruled out as far as possible. Authentication of the candidate shall be ensured. All examination documents shall be recorded and kept as a print-out or electronically as a file.

8.2.2.7.1.8 Written examinations may be performed, in whole or in part, as electronic examinations, where the answers are recorded and evaluated using electronic data processing (EDP) processes, provided the following conditions are met:

(a) The hardware and software shall be checked and accepted by the competent authority;

(b) Proper technical functioning shall be ensured. Arrangements as to whether and how the examination can be continued shall be made for a failure of the devices and applications. No aids shall be available on the input devices (e.g. electronic search function), the equipment provided shall not allow the candidates to communicate with any other device during the examination;

(c) Final inputs of each candidate shall be logged. The determination of the results shall be transparent."

(d) Electronic media may be used only if provided by the examining body. There shall be no means of a candidate introducing further data to the electronic media provided; the candidate may only answer the questions posed."

(Reference document: ECE/TRANS/WP.15/AC.1/140/Add.1 and (d) accordingly to 1.8.3.12.3 ADR)