

THE SWEDISH TRANSPORT AGENCY

COMMUNICATION CONCERNING THE ~~APPROVAL GRANTED⁽⁴⁾~~/ APPROVAL EXTENDED⁽¹⁾/
~~APPROVAL REFUSED⁽⁴⁾~~/ ~~APPROVAL WITHDRAWN⁽⁴⁾~~/ ~~PRODUCTION DEFINITELY
DISCONTINUED⁽⁴⁾~~ OF A TYPE OF REAR UNDERRUN PROTECTIVE DEVICE (RUPD) PURSUANT
TO UN REGULATION NO 58.



Approval No: E5*58R03/01*0010*09

Reason for extension: Revision of under-run console, updated drawing.

1. Trade name or mark of vehicle: Zepro

2. Vehicle type: Z, with the following models:
 - Z 1500/2000
 - Z 250
 - ZHD 1500/2000
 - ZHD 2500
 - ZHDL 1500/2000
 - ZHD 3000
 - ZL 1500/2000
 - Z 2500
 - ZN 2500
 - ZDK 250
 - Z 10/15/20

3. Name and address of manufacturer:
 - ZEPRO Z-Lyften Produktion AB
 - Alléstigen 4
 - SE-844 41 BISPGÅRDEN

4. If applicable, name and address of manufacturer's representative: Not applicable
5. Characteristics of the device (dimensions and its fixing elements):
- The cross-member is divided in three parts to leave space for the tail-lift mechanism. The cross-member is mounted via consoles and longitudinal bars to another rectangular cross-member which in turn is mounted to the chassis side-members of the vehicle by two vertical consoles.
6. Test conducted ~~on a vehicle~~/on a representative part of the chassis of a vehicle⁽¹⁾
7. Position on the device of the points of application of the test forces:
- P1: 1000 mm from the centre line
P2: symmetrically about the centre line and 700 mm apart
P3: center-point of straight line joining points P2
8. Maximum horizontal and vertical deflection observed during and after the application of the test forces in Annex 5:
- Deflection during test: See test report
Deflection after test: See test report
9. Restrictions on application
- Vehicles on which the device may be installed (if applicable): N₂, N₃, O₃ and O₄
- Characteristics of the chassis to which the device may be installed: See information document
10. Maximum mass of vehicle on which the device may be installed: Not limited
11. Device submitted for approval on: 2020-12-09

12. Technical Service responsible for conducting approval tests:

RISE Research Institutes of Sweden AB
Box 857
SE-501 15 Borås
Sweden

13. Date of report issued by that service:

2021-01-12

14. Number of report issued by that service:

2P00049-1

15. Approval has been ~~GRANTED/REFUSED/EXTENDED/WITHDRAWN~~ in respect of the RUPD:
(1)

16. Position of approval mark on the device: On type plate riveted to the frame of the tail lift.

17. Place: Borlänge

18. Date: 12 JANUARY 2021

19. Signature:



Staffan Erlandsson
Investigator

20. The following documents, bearing the approval number shown above, are available upon request.

Drawings, diagrams and layout plans of the components of the structure considered to be of importance for the purpose of this Regulation.

Detailed information about the devices representing the vehicle structures used for the mounting of the RUPD (e.g. moment of inertia of the beams);

Where applicable drawings of the protective devices and their position on the vehicle.

1) Strike out what does not apply