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SWAP BODIES FOR COMBINED TRANSPORT - STACKABLE SWAP BODIES TYPE A 1371 - DIMENSIONS, DESIGN REQUIREMENTS AND TESTING

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TECHNICAL SPECIFICATION

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English version

Swap bodies for combined transport - Stackable swap bodies type A 1371 - Dimensions, design requirements and testing

Caisses mobiles pour transport combiné - Caisse gerbable de type A 1371 - Dimensions, exigences de conception et essais

Wechselbehälter für den kombinierten Verkehr - Stapelbare Wechselbehälter Typ A 1371 - Abmessungen, Konstruktionsanforderungen und Prüfung

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Contents

Page

Foreword 3
1 Scope 4
2 Normative references 4
3 Definitions 4
4 Dimensions and Rating 4
5 Design requirements 8
5.1 General 8
5.2 Top and bottom fittings 8
5.3 Roof of the swap body 8
5.4 Base structure 9
5.4.1 General 9
5.4.2 Maximum deflection 9
5.4.3 Gooseneck tunnels 9
5.5 End structure 9
6 Testing 10
6.1 General 10
6.2 Test No. 1—Stacking 10
6.2.1 General 10
6.2.2 Procedure 11
6.2.3 Requirements 12
6.3 Test No. 2—Lifting from the four intermediate top fittings 12
6.3.1 General 12
6.3.2 Procedure 12
6.3.3 Requirements 12
6.4 Test No. 3—Lifting from the four intermediate bottom fittings 13
6.4.1 General 13
6.4.2 Procedure 13
6.4.3 Requirements 13
6.5 Test No. 4—Restraint (longitudinal) 13
7 Marking 17
Annex A (normative) Diagrammatic representation of capabilities appropriate to stackable swap bodies type A 1371 18
Annex B (normative) Details of requirements for load transfer areas in base structures of swap bodies 24
B.1 Longitudinal members 24
B.2 Requirements 24
B.2.1 General 24
B.2.2 Forces on load transfer areas 24
B.2.3 Number of load transfer areas 25
B.2.4 Spacing between load transfer areas 25
Annex C (normative) Dimensions of gooseneck tunnels 27
Bibliography 28

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Foreword

This document (CEN/TS 14993:2005) has been prepared by Technical Committee CEN/TC 119 “Swap bodies for combined goods transport”, the secretariat of which is held by DIN.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to announce this Technical Specification: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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1 Scope

This document specifies dimensions, design requirements and testing requirements of stackable swap bodies type A 1371 which are suitable for domestic and European multimodal conveyance by road, rail, short sea and coastal sea transport (including Ro/Ro or ferry transport) and inland waterways.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 452:1995, *Swap bodies — Swap bodies of Class A — Dimensions and general requirements.*

EN 13044, *Swap bodies — Coding, identification and marking.*

ISO 1161, *Series 1 freight containers — Corner fittings — Specification.*

3 Definitions

For the purpose of this document, the following terms and definitions apply:

3.1
Rating
maximum gross mass, *R*, of a swap body that is the maximum value for operation and the minimum value for design.

3.2
Tare
mass, *T*, of an empty swap body.

3.3
Payload
maximum mass, *P*, of the freight carried in a swap body. $P = R - T$.

NOTE – *R*, *P* and *T*, by definition, are in units of mass. Where test requirements are based on the gravitational forces derived from these values, those forces, which are inertial forces, are indicated thus:

Rg, Pg, Tg

The units of which are in Newton or multiples thereof. The word ”load”, when used to describe a physical quantity to which units may be ascribed implies mass. The word ”loading”, for example as in ”internal loading”, implies force.

4 Dimensions and Rating

The dimensions of the stackable swap body A 1371 and the rating shall be in compliance with Table 1 and the following figures.

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