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National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 13082:2001

ICS 13.300
23.020.10
23.020.20
23.060.20

TANKS FOR TRANSPORT OF DANGEROUS GOODS - SERVICE EQUIPMENT FOR TANKS - VAPOUR TRANSFER VALVE

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This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on. August 24, 2001

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 13082

March 2001

ICS 13.300; 23.020.10; 23.020.20; 23.060.20

English version

Tanks for transport of dangerous goods - Service equipment for tanks - Vapour transfer valve

Citernes de transport de matières dangereuses - Equipement de service pour citernes - Event de transfert des vapeurs récupérées

Tanks für die Beförderung gefährlicher Güter - Bedienungsausrüstung von Tanks - Gaspendelventil

This European Standard was approved by CEN on 4 February 2001.

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Contents

Page

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Functions 5

5 Design characteristics 5
5.1 General 5
5.2 Temperature range 5
5.3 Actuation 6
5.4 Materials of construction 6
5.5 Dimensional characteristics 6
5.6 Mounting 6
5.7 Pressure loss 6

6 Tests 6
6.1 General 6
6.2 Production tests 7
6.3 Type tests 7

7 Marking 9

8 Installation, operation and maintenance instructions 9

Annex A (normative) **Drop test apparatus** 10

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 296 "Tanks for transport of dangerous goods", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2001, and conflicting national standards shall be withdrawn at the latest by September 2001.

This European Standard has been submitted for reference into the RID and/or in the technical annexes of the ADR. Therefore in this context the standards listed in the normative references and covering basic requirements of the RID/ADR not addressed within the present standard are normative only when the standards themselves are referred to in the RID and/or in the technical annexes of the ADR.

This European standard forms part of a coherent standards programme comprising the following standards :

Tanks for transport of liquid dangerous goods with vapour pressure not exceeding 110 kPa (absolute pressure) at 50 °C and petrol - Service Equipment -

EN 13081:2001, *Vapour collection adaptor and coupler.*

EN 13082:2001, *Vapour transfer valve.*

EN 13083:2001, *Adaptor for bottom loading and unloading.*

prEN 13308:1998, *Non-pressure balanced footvalve.*

prEN 13314:1998, *Fill hole cover.*

prEN 13315:1998, *Gravity discharge coupler.*

prEN 13316:1998, *Pressure balanced footvalve.*

prEN 13317:1998, *Manhole cover assembly.*

prEN 13922:2000, *Level detection - Secondary shut off control system.*

WI 00296009, *Pressure and vacuum breather vent.*

WI 00296010, *Emergency pressure relief valve.*

WI 00296015, *Operating conditions and safety interlocks.*

WI 00296017, *Product recognition.*

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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Introduction

The European Directive 94/63/EC on Volatile Organic Compounds (VOC) emissions lays down the obligation to limit the emission into the atmosphere of vapour created at the time of loading and unloading of petrol by tanks.

To achieve this result, it is necessary to establish a vapour tight path between the transport tank, petrol storage tank, service-station tank, and the vapour recovery unit when conducting loading and unloading operations.

The vapour transfer valve, subject of this standard, governs the transfer of vapour between the vehicle compartment, the gantry equipment and the service-station tank storage during loading and unloading operations.

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