

Tanks for transport of dangerous goods — Service equipment for tanks — Adaptor for bottom loading and unloading

ICS 13.300; 23.020.20; 23.040.60

National foreword

This British Standard is the UK implementation of EN 13083:2008+A1:2013. It supersedes BS EN 13083:2001 which is withdrawn.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to CEN text carry the number of the CEN amendment. For example, text altered by CEN amendment A1 is indicated by A1 A1.

The UK participation in its preparation was entrusted to Technical Committee AUE/18, Tanks for the transport of dangerous goods.

A list of organizations represented on this committee can be obtained on request to its secretary.

The publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

Tanks for transport of dangerous goods - Service equipment for tanks - Adaptor for bottom loading and unloading

Citernes de transport de matières dangereuses -
Équipement de service pour citernes - Adaptateur pour le
chargement et le déchargement par le bas

Tanks für die Beförderung gefährlicher Güter -
Bedienungsausrüstung von Tanks - VK-Kupplung für
Untenbefüllung und -entladung

This European Standard was approved by CEN on 13 September 2008 and includes Amendment 1 approved by CEN on 1 March 2013.

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Foreword

This document (EN 13083:2008+A1:2013) 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of an identical text or by endorsement, at the latest by December 2013 and conflicting national standards shall be withdrawn at the latest by December 2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document supersedes  EN 13083:2008 .

This document includes Amendment 1 approved by CEN on 2013-03-01.

The start and finish of text introduced or altered by amendment is indicated in the text by tags  .

This European Standard forms part of a coherent standards programme comprising the following standards, under the general title "Tanks for transport of dangerous goods - Service equipment for tanks":

EN 13081, *Vapour collection adaptor and coupler*

EN 13082, *Vapour transfer valve*

EN 13083, *Adaptor for bottom loading and unloading*

EN 13308, *Non-pressure balanced footvalve*

EN 13314, *Fill hole cover*

EN 13315, *Gravity discharge coupler*

EN 13316, *Pressure balanced footvalve*

EN 13317, *Manhole cover assembly*

EN 13922, *Overfill prevention systems for liquid fuels*

EN 14595, *Pressure and Vacuum Breather Vent*

EN 14596, *Emergency pressure relief valve*

EN 15208, *Sealed parcel delivery systems – Working principles and interface specifications*

 EN 16249, *Cap for the adaptor for bottom loading and unloading* 

The standards programme also includes the following Technical Report:

CEN/TR 15120, *Guidance and recommendations for loading, transport and unloading.*

 Compared to EN 13083:2008 the following changes have been made:

- a) in the Foreword add EN 16249 to the list of standards;

b) in Clause 2, Normative references, add:

EN 16249 *Cap for the adaptor for bottom loading and unloading*

c) in Clause 4, Function, the last paragraph is modified;

d) in Clause 5, Design Characteristics, “5.14 Adaptor Cap” is deleted;

e) in 6.3, Type Tests, 6.3.1 General, fourth type test is modified;

f) in 6.3, “6.3.5 Adaptor cap seat tightness test” and subclauses are deleted and replaced by a compliance test with EN 16249. 

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Introduction

The adaptor for bottom loading and unloading, subject of this European Standard, allows the transfer of product through a mating loading coupler to a transport tank and from the tank to a service station tank by a mating gravity discharge coupler. It is required to comply with the European Directive 94/63/EC on Volatile Organic Compounds (VOC) [1].