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NSAI Standards

Irish Standard
I.S. EN 17407:2020

Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Collecting heads and dividing breechings PN 16

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National Foreword

I.S. EN 17407:2020 is the adopted Irish version of the European Document EN 17407:2020, Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Collecting heads and dividing breechings PN 16

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 17407

September 2020

ICS 13.220.10

English Version

Portable equipment for projecting extinguishing agents supplied by firefighting pumps - Collecting heads and dividing breechings PN 16

Équipement portable de projection d'agents d'extinction alimenté par des pompes à usage incendie - Collecteurs et divisions PN 16

Tragbare Geräte zum Ausbringen von Löschmitteln, die mit Feuerlöschpumpen gefördert werden - Sammelstücke und Verteiler PN 16

This European Standard was approved by CEN on 10 August 2020.

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European foreword

This document (EN 17407:2020) has been prepared by Technical Committee CEN/TC 192 "Fire and rescue service equipment", the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by March 2021, and conflicting national standards shall be withdrawn at the latest by March 2021.

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

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Introduction

The collecting head PN 16 is primarily intended for use during firefighting operations to connect one or more lines of hose.

The dividing breeching PN 16 with outlet valves is primarily intended for use during firefighting operations to divide one or more inlets into two or more outlets and fight the fire with more than one branchpipe.

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1 Scope

1.1 This document defines requirements and tests which apply to:

— collecting heads with a nominal pressure of 16 bar (1,6 MPa) PN 16 which are used by fire and rescue services to combine two or more inlets into one or more outlets;

— dividing breechings with a nominal pressure of 16 bar (1,6 MPa) PN 16 which are used by fire and rescue services to divide one or more inlets into two or more outlets.

NOTE 1 In this document "ColDiv" is used to refer both to collecting heads and dividing breechings.

NOTE 2 In this document, drawings of collecting heads and dividing breechings are shown inlets downwards and outlet upwards.

1.2 This document is not applicable to collecting heads or dividing breechings which have been manufactured before its date of publication as European standard.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 837-1, *Pressure gauges — Part 1: Bourdon tube pressure gauges — Dimensions, metrology, requirements and testing*

EN 837-3, *Pressure gauges — Part 3: Diaphragm and capsule pressure gauges — Dimensions, metrology, requirements and testing*

EN 12266-1, *Industrial valves — Testing of metallic valves — Part 1: Pressure tests, test procedures and acceptance criteria — Mandatory requirements*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at https://www.iso.org/obp

3.1
collecting head
collecting breeching
device used to connect two or more inlets to one outlet

3.2
dividing breeching
device used to divide one inlet into two or more outlets equipped or not with shut off valves

3.3
combined collecting head and dividing breeching
device used to connect two or more inlets to two or more outlets equipped or not with shut off valves

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