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NSAI Standards

Irish Standard
I.S. EN 14422:2005

Clamp type coupling assemblies for LPG transfer hoses

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Incorporating amendments/corrigenda issued since publication:
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This document replaces:

This document is based on:
EN 14422:2004

Published:
17 November, 2004

This document was published under the authority of the NSAI and comes into effect on:
2 February, 2005

ICS number:
23.040.70

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I.S. EN 14422:2005

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 14422:2004/AC

May 2006
Mai 2006
Mai 2006

ICS 23.040.70

English version
Version Française
Deutsche Fassung

Clamp type coupling assemblies for LPG transfer hoses

Raccords avec collier de serrage pour flexibles de transvasement de GPL

Schlaucharmaturen mit Klemmfassung für Schläuche zur Übergabe von Flüssiggas

This corrigendum becomes effective on 3 May 2006 for incorporation in the official English and French versions of the EN.

Ce corrigendum prendra effet le 3 mai 2006 pour incorporation dans les versions officielles anglaise et française de la EN.

Die Berichtigung tritt am 3.Mai 2006 zur Einarbeitung in die offizielle Englische und Französische Fassung der EN in Kraft.

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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English Version

Replace Figure 8 with the following:

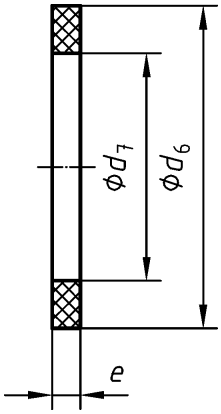

Figure 8 – Gasket

Version française

Remplacer Figure 8 par le suivant:

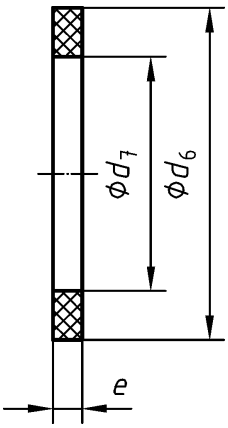

Figure 8 – Joint

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EUROPEAN STANDARD

NORME EUROPÉENNE

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EN 14422

November 2004

ICS 23.040.70

English version

Clamp type coupling assemblies for LPG transfer hoses

Raccords avec collier de serrage pour flexibles de transvasement de GPL

Schlaucharmaturen mit Klemmfassung für Schläuche zur Übergabe von Flüssiggas

This European Standard was approved by CEN on 30 September 2004.

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Foreword

This document (EN 14422:2004) has been prepared by Technical Committee CEN/TC 218 “Rubber and plastics hoses and hose assemblies”, 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 May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

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1 Scope

This document details a range of hose fittings which may be used with rubber/plastic hoses for the transfer of liquid natural gas LPG (liquid or vapour phase) and natural gas.

The maximum working pressure is 25 bar and the maximum working temperature is 70 °C.

The nominal size for hose fittings with internal and external threads is from DN 15 to DN 75 and for hose fittings with flanges DN 15 to DN 200.

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 288-3, *Specification and approval of welding procedures for metallic materials — Part 3: Welding procedure tests for the arc welding of steels*

EN 586-2, *Aluminium and aluminium alloys — Forgings — Part 2: Mechanical properties and additional property requirements*

EN 1092-1, *Flanges and their joints — Circular flanges for pipes, valves, fittings and accessories, PN designated — Part 1: Steel flanges*

EN 1706, *Aluminium and aluminium alloys — Castings — Chemical composition and mechanical properties*

prEN 1759-1, *Flanges and their joints — Circular flanges for pipes, valves, fittings and accessories, Class designated — Part 1: Steel flanges, NPS ½ to 24*

EN 1982, *Copper and copper alloys — Ingots and castings*

EN ISO 6708, *Pipework components - Definition and selection of DN (nominal size) (ISO 6708:1995)*

EN 10025, *Hot rolled products of non-alloy structural steels — Technical delivery conditions*

EN 10028-2, *Flat products made of steel for pressure purposes — Part 2: Non-alloy and alloy steels with specified elevated temperature properties*

EN 10088-1, *Stainless steels — Part 1: List of stainless steels*

EN 10204, *Metallic products —Types of inspection documents*

EN 10213-4, *Technical delivery conditions for steel castings for pressure purposes — Part 4: Austenitic and austentic-ferritic steel grades*

EN 10283, *Corrosion resistant steel castings*

EN 12420, *Copper and copper alloys — Forgings*

EN 14420-2, *Hose fittings with clamp units — Part 2: Hose side parts of hose tail*

EN 14420-3, *Hose fittings with clamp units — Part 3: Clamp units, bolted or pinned*

EN ISO 4042, *Fasteners — Electroplated coatings (ISO 4042:1999)*

ISO 2859-1:1989, *Sampling procedures for inspection by attributes — Part 1: Sampling schemes indexed by acceptance quality level (AQL) for lot-by-lot inspection*

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