

IRISH STANDARD

I.S. EN 1532:1997

ICS 75.200

INSTALLATION AND EQUIPMENT FOR
LIQUEFIED NATURAL GAS - SHIP TO SHORE
INTERFACE

National Standards Authority of Ireland Glasnevin, Dublin 9 Ireland

Tel: +353 1 807 3800 Fax: +353 1 807 3838 http://www.nsai.ie

Sales

http://www.standards.ie

This Irish Standard was published under the authority of the National Standards Authority of Ireland and comes into effect on:

January 23, 1998

NO COPYING WITHOUT NSAI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

© NSAI 1997

Price Code J

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

DECLARATION

OF

SPECIFICATION

ENTITLED

INSTALLATION AND EQUIPMENT FOR LIQUEFIED NATURAL GAS - SHIP TO SHORE INTERFACE

AS

THE IRISH STANDARD SPECIFICATION FOR

INSTALLATION AND EQUIPMENT FOR LIQUEFIED NATURAL GAS - SHIP TO SHORE INTERFACE

NSAI in exercise of the power conferred by section 16 (3) of the National Standards Authority of Ireland Act, 1966 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

- 1. This instrument may be cited as the Standard Specification (Installation and equipment for liquefied natural gas Ship to shore interface) Declaration, 1997.
- 2. (1) The Specification set forth in the schedule to this declaration is hereby declared to be the standard specification for Installation and equipment for liquefied natural gas Ship to shore interface. The Schedule comprises the text of EN 1532:1997.
- (2) The said standard specification may be cited as Irish Standard EN 1532:1997 or as I.S. EN 1532:1997.

This is a free page sample. Access the full version online.

EUROPEAN STANDARD

EN 1532

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 1997

ICS 75.200

Descriptors:

gas installation, liquefied natural gas, earth stations, ships, interfaces, transfer, junctions, safety, accident prevention, hazards, hazardous areas, fire protection, stopping devices, mooring devices, design

English version

Installation and equipment for liquefied natural gas - Ship to shore interface

Installations et équipements relatifs au gaz naturel liquéfié - Interface terre navire Anlagen und Ausrüstung für Flüssigerdgas -Schnittstelle zwischen Schiff und Land

This European Standard was approved by CEN on 1997-02-24. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization Comité Européen de Normalisation Europaisches Komitee für Normung

Central Secretariat: rue de Stassart,36 B-1050 Brussels

Page 2 EN 1532:1997

Contents

Forewo	rd	.4
0	Introduction	.5
1	Scope	.5
2	Normative references	.5
3 3.1 3.2	Definitions and abbreviations Definitions Abbreviations	.7
4	List of items that make up the ship to shore interface	8.
5.1 5.2 5.3 5.4	Description of LNG and associated hazards Description of LNG Hazards associated with LNG Hazards associated with LNG transfer Potential external factors	.8 .8 .9
6	Hazardous areas	•
7 7.1 7.2 7.3	Safety precautions General Basic precautions Additional precautions	.10 .10
8 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 8.10 8.11 8.12 8.13	Ship's mooring equipment Ship's working platform and cargo manifold arrangements Motor operated valves (MOV) for ESD Ship's cargo control room operating devices ship's firefighting equipment Protection of the ship's structure Communication equipment Ship's electrical safety LNG pumping system Cooling down systems Bunkering connection Fresh water connection Arrangements for personnel access	. 16 . 16 . 17 . 17 . 18 . 18 . 18 . 19
9 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 9.10	Ship/shore transfer facility equipment Design and construction of the jetty and associated equipment Loading/unloading arms Communication equipment (see 8.7) Firefighting equipment and procedures Main control room Vapour return system Crew and personnel access (see 7.2.9) Motor operated valves, (MOV) for ESD Jetty's electrical safety Ship's storing arrangements	. 19 .21 .22 .23 .23 .23
10.1 10.2 10.3 10.4	Necessary provisions prior to ship acceptance Conditions for port entry Conditions to be fulfilled prior to connecting loading/unloading arms Conditions to be fulfilled prior to the transfer of LNG	.24 .24 .24



	This is a free preview.	Purchase the e	entire publication	at the link below:
--	-------------------------	----------------	--------------------	--------------------

Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation