

Specification for

Float-type level gauges for measuring liquid levels in tanks containing refrigerated light-hydrocarbon fluids

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted by the Petroleum Standards Policy Committee (PTC/-) to Technical Committee PTC/12, upon which the following bodies were represented:

- Department of Trade and Industry (Gas and Oil Measurement Branch)
- Department of Trade and Industry (National Engineering Laboratory)
- Institute of Petroleum
- Royal Institution of Naval Architects
- Salvage Association

The following body was also represented in the drafting of the standard, through subcommittees and panels:

- Society of International Gas Tanker and Terminal Operators Ltd.

This British Standard, having been prepared under the direction of the Petroleum Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 October 1993

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The following BSI references relate to the work on this standard:
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Amendments issued since publication

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Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
1 Scope	1
2 Normative references	1
3 Definitions	1
4 Gauge materials and construction	2
5 Environmental conditions and allowable power supply fluctuations	2
6 Performance	2
7 General requirements for measurement of liquid level	2
8 Installation	3
9 Calibration and verification	3
10 Instrumentation requirements for gas-dangerous spaces	3
Figure 1 — Example of system diagram of a float-type level gauge (mechanical type for ships' tanks)	5
Figure 2 — Example of system diagram of a float-type level gauge (servo-operated for shore tanks)	6
Table 1 — Environmental conditions for the various parts of float-type level gauges (for shore tanks)	3
Table 2 — Environmental conditions for the various parts of float-type level gauges (for ships' tanks)	4
Table 3 — Allowable fluctuations of power supply source (for ship and shore tanks)	4
List of references	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Petroleum Standards Policy Committee. It is identical with ISO 10574:1993 *Refrigerated light-hydrocarbon fluids — Measurement of liquid levels in tanks containing liquefied gases — Float-type level gauges* published by the International Organization for Standardization (ISO). ISO 10574 was prepared by Subcommittee 5, Measurement of light hydrocarbon fluids, of Technical Committee 28, Petroleum products and lubricants, in which the United Kingdom participated.

Cross-references

International Standard	Corresponding British Standard
	BS 4683 <i>Specification for electrical apparatus for explosive atmospheres</i>
IEC 79-1:1971	Part 2:1971 <i>The construction and testing of flameproof enclosures of electrical apparatus</i> (Technically equivalent)
ISO 79-10:1986	BS 5345 <i>Code of practice for selection, installation and maintenance of electrical apparatus for use in potentially explosive atmospheres (other than mining applications or explosive processing and manufacture)</i> Part 2:1983 <i>Classification of hazardous areas</i> (Technically equivalent) BS 5967 <i>Operating conditions for industrial-process measurement and control equipment</i>
IEC 654-1:1979	Part 1:1980 <i>Specification for temperature, humidity and barometric pressure</i> (Identical)
IEC 654-2:1979	Part 2:1980 <i>Specification for power</i> (Identical)

The Technical Committee has reviewed the provisions of ISO 79-0:1983, IEC 79-2:1983, IEC 79-3:1972, IEC 79-4:1975, IEC 79-5:1967, IEC 79-6:1968, IEC 79-7:1969, IEC 79-11:1984, IEC 79-12:1978, IEC 92-502:1980 and IEC 92-504:1974, to which normative reference is made in the text, and has decided that they are acceptable for use in conjunction with this standard.

CAUTION. Attention is drawn to the Health and Safety at Work etc. Act 1974, and the need for ensuring that procedures specified in this British Standard are carried out with suitable precautions.

The procedures described in this British Standard are intended to be carried out by appropriately qualified and experienced persons or other suitably trained and supervised personnel. Normal safety precautions should be observed during the use of the procedures.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.