



TECHNICAL CIRCULAR No. 035 of 15 December 2011

To:	All Surveyors
Applicable to flag:	All Flags
Subject:	Portable Gas Detection
Reference:	SAFETY-SOLAS Ch.II-2/4, MSC. 256(84), Oil Tankers, Due date; 1 st Jan. 2012

PORTABLE GAS DETECTION

Oil tankers are to be fitted with equipment which is also capable of measuring oxygen concentrations in addition to the current requirement for at least one portable instrument to be capable of measuring flammable vapor concentrations onboard. Sufficient set of spares should be provided. Suitable means shall be provided for the calibration of such instruments.

Arrangements for gas measurement in double-hull spaces and double-bottom spaces

5.7.2.1 Suitable portable instruments for measuring oxygen and flammable vapour concentrations in double-hull spaces and double-bottom spaces shall be provided. In selecting these instruments, due attention shall be given to their use in combination with the fixed gas sampling line systems referred to in paragraph 5.7.2.2.

5.7.2.2 Where the atmosphere in double-hull spaces cannot be reliably measured using flexible gas sampling hoses, such spaces shall be fitted with permanent gas sampling lines. The configuration of gas sampling lines shall be adapted to the design of such spaces.

5.7.2.3 The materials of construction and dimensions of gas sampling lines shall be such as to prevent restriction. Where plastic materials are used, they shall be electrically conductive.

REFERENCES:

SOLAS Ch.II-2/4, MSC. 256(84),

ATTACHMENTS:No.

Kindest Regards,
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