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Ships and marine technology — Incinerator sizing and selection — Guidelines

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ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

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Foreword

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The committee responsible for this document is ISO/TC 8, *Ships and marine technology*, Subcommittee SC 2, *Marine environment protection*.

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Ships and marine technology — Incinerator sizing and selection — Guidelines

1 Scope

This International Standard covers selection criteria to assist procurers in selecting the appropriate incinerator for their needs. This International Standard is a companion document to ISO 13617.

This International Standard does not apply to incinerator systems on special incinerator ships, for example, for burning industrial wastes such as chemicals, manufacturing residues, and so forth.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 13617, *Ships and marine technology — Shipboard incinerators — Requirements*

International Maritime Organization (IMO), *The International Convention for the Prevention of Pollution from Ships (MARPOL)*, Annexes V and VI, as amended

3 Terms and definitions

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

3.1
batch feeding
non-continuous feeding incinerator where the combustion chamber shall be cooled down between placing solid waste into the combustion chamber

3.2
continuous feeding
pump transfer of sludge oil into the incinerator combustion chamber on a continuous basis; also, the feeding of solid waste into the combustion chamber by a screw conveyor or sluice system

3.3
sludge oil
residual from fuel and lubricating oil separators, oily waste from machinery and hydraulic power units, drip trays and oil-water separators

3.4
sluice system
trap door system, whereby it is possible in a safe manner to feed solid waste into the combustion chamber while the incinerator is operating and is at high temperature

3.5
solid waste
combustible trash, garbage, and rubbish (see also 7.1)

3.6
waste
unneeded or useless matter which is to be discarded

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