

# ISO 16259:2025-09 (E)

## Ships and marine technology - Performance test procedures of LNG BOG re-liquefaction system on board a ship

---

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
Introduction .....		v
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Abbreviated terms .....	2
5	Inspection and tests .....	2
5.1	General .....	2
5.2	Test fluid .....	3
5.3	Design appraisal .....	3
5.4	Equipment safety function testing .....	3
5.5	Hydrostatic test .....	3
5.6	Instrument signal inspection .....	4
5.7	Cryogenic function test .....	4
5.8	Emergency shutdown test .....	4
5.9	Performance test at cryogenic condition .....	5
5.10	Visual inspection .....	5
6	Marking .....	5
7	Test reports .....	6
Annex A (informative) Inspection and test procedure .....		7
Annex B (informative) Example of document lists applicable to design appraisal .....		11
Annex C (informative) Examples of test report forms .....		12
Annex D (informative) Example of concept model for LNG re-liquefaction system .....		17
Annex E (informative) Components of natural gas .....		19
Bibliography .....		20