

ISO 11711-1:2019 (E)

Ships and marine technology — Aquatic nuisance species — Part 1: Ballast water discharge sample port

Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms and definitions
4	Sample port design
4.1	Colour
4.2	Labelling
4.3	Ancillary piping design and installation
4.4	Materials
4.5	Welding
4.6	Configuration of the sample port assembly
4.6.1	General
4.6.2	Sample port
4.6.3	Return port
4.7	Location of the sample port and return port
4.7.1	General
4.7.2	Location of the sample port based on hydrodynamic conditions
4.7.3	Location of the sample and return ports based on the availability of space
4.8	Safety considerations
Annex A	(informative) Installation of sample ports for ships with ballast discharge pipes <DN100
Annex B	(informative) Installation of a sample port for ballast water samples from an uptake operation

Page count: 12