



BSI Standards Publication

Ships and marine technology — Servicing of inflatable life-saving appliances

Part 5: Inflated rescue boats

National foreword

This British Standard is the UK implementation of ISO 18079-5:2018.

The UK participation in its preparation was entrusted to Technical Committee SME/32, Ships and marine technology - Steering committee.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2018
Published by BSI Standards Limited 2018

ISBN 978 0 580 89325 4

ICS 47.080; 47.020.99

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 June 2018.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

INTERNATIONAL STANDARD

ISO
18079-5

First edition
2018-06-01

Ships and marine technology — Servicing of inflatable life-saving appliances —

Part 5: Inflated rescue boats

*Navires et technologie maritime — Entretien des dispositifs de
sauvetage gonflables —*

Partie 5: Bateaux de sauvetage gonflables



Reference number
ISO 18079-5:2018(E)
Documents
Document Sharing Hub
© ISO 2018



COPYRIGHT PROTECTED DOCUMENT

© ISO 2018, Published in Switzerland

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Ch. de Blandonnet 8 • CP 401
CH-1214 Vernier, Geneva, Switzerland
Tel. +41 22 749 01 11
Fax +41 22 749 09 47
copyright@iso.org
www.iso.org

Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Inspection	1
4.1 General	1
4.2 Visual inspection	1
4.2.1 General	1
4.2.2 Air chamber and cordage	1
4.2.3 Valves, valve mounting and cordage mountings	2
4.2.4 Bonded parts	2
4.2.5 Inflation valves and pressure relief valves	2
4.2.6 Retro-reflective materials	2
4.2.7 Rigid floor	2
4.2.8 Self-righting device	2
4.2.9 Marking	2
4.2.10 Fender/skate arrangements	2
4.2.11 External boundaries of void spaces	2
4.3 Air chamber	2
4.3.1 Working pressure (WP) test	2
4.3.2 Necessary additional pressure (NAP) test	3
4.3.3 Overload suspension test for main air chambers	3
4.4 Pressure relief valve	3
4.5 Equipment	3
4.6 Engines and propulsion system	4
4.7 Manoeuvring system	4
4.8 Power supply system and electrical equipment	4
4.9 Automatically self-bailing system	4
5 Maintenance	4
6 Documentation	5
6.1 Overview	5
6.2 General information	5
6.3 Information about inflated rescue boat condition when received	5
6.4 Test documentation to be recorded	5
6.5 Condemnation documentation for inflated rescue boats	5
6.6 Control objects to be included in the inspection schedule	6
7 Deficiency records	6
Annex A (informative) Condemnation form for inflated rescue boats	7
Bibliography	8

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 1, *Maritime safety*.

A list of all parts in the ISO 18079 series can be found on the ISO website.