

INTERNATIONAL
STANDARD

ISO
8566-2

First edition
1995-08-01

ANSI Internat Doc Sec

Cranes — Cabins —

Part 2:
Mobile cranes

Appareils de levage à charge suspendue — Cabines —
Partie 2: Grues mobiles



Reference number
ISO 8566-2:1995(E)

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8566-2 was prepared by Technical Committee ISO/TC 96, *Cranes*, Subcommittee SC 6, *Mobile cranes*.

ISO 8566 consists of the following parts, under the general title *Cranes — Cabins*:

- *Part 1: General*
- *Part 2: Mobile cranes*
- *Part 3: Tower cranes*
- *Part 4: Jib cranes*
- *Part 5: Overhead travelling and portal bridge cranes*

Annex A of this part of ISO 8566 is for information only.

© ISO 1995

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Cranes — Cabins —

Part 2: Mobile cranes

1 Scope

This part of ISO 8566 establishes the criteria for cabins for mobile cranes as defined in ISO 4306-2. These criteria are intended to cover cabins only for crane operation and not for road travel.

The general criteria for cabins on mobile cranes are presented in ISO 8566-1.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 8566. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 8566 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7752-2:1985, *Lifting appliances — Controls — Layout and characteristics — Part 2: Basic arrangement and requirements for mobile cranes.*

ISO 8566-1:1992, *Cranes — Cabins — Part 1: General.*

ISO 11660-2:1994, *Cranes — Access, guards and restraints — Part 2: Mobile cranes.*

3 General requirements

3.1 The general requirements for mobile crane cabins may apply to the operation of the crane for lifting and for job-site travel.

3.2 The general requirements for the cabin, including those concerning visibility, noise and vibration, shall be in accordance with ISO 8566-1.

4 Cabin construction

4.1 Cabins and enclosures shall be constructed to protect the operator's station from the weather.

4.2 Windows shall be provided in the front, top/roof and on both sides of the cabin with visibility forward, upward and to either side consistent with structural requirements. Visibility forward shall include a vertical range adequate to cover the jib point at all times. When a cabin is mounted on the chassis and the boom is capable of slewing in excess of 180° independent of the cabin, the cabin shall be provided with windows on all sides.

A windscreen wiper shall be provided on the front window and the top/roof window.

The front or top/roof window may have a section which can be readily removed or held open, if desired. If the section is of the type held in the open position, it shall be capable of being secured to prevent inadvertent closure.

Cabin windows shall be equipped with latches which guard against opening the windows from outside the cabin.