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**Non-destructive testing — Ultrasonic  
testing — Specification for step wedge  
calibration block**

*Essais non destructifs — Essais par ultrasons — Spécifications  
relatives aux blocs d'étalonnage à gradins*

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Published in Switzerland

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## Foreword

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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](http://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](http://www.iso.org/patents)).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

ISO 16946 was prepared by Technical Committee CEN/TC 138, *Non-destructive testing*, and by ISO/TC 135, *Non-destructive testing*, Subcommittee SC 3, *Ultrasonic testing* in collaboration.

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## Introduction

A step wedge calibration block is not meant to check an ultrasonic instrument. A step wedge calibration block makes it possible, during practical testing, to check simply, from time to time, the setting of the time base and the sensitivity of the ultrasonic equipment.

Calibration block No. 1 is specified in ISO 2400.

Calibration block No. 2 is specified in ISO 7963.

Requests for official interpretations of any aspect of this International Standard are to be directed to the Secretariat of ISO/TC 135/SC 3 via your national standards body, a complete listing of which can be found at [www.iso.org](http://www.iso.org).

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