

INTERNATIONAL  
STANDARDS  
ISO

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Second edition  
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## **Non-destructive testing — Aids to visual inspection — Selection of low-power magnifiers**

*Essais non destructifs — Moyens d'examen visuel — Choix des loupes à faible grossissement*



Reference number  
ISO 3058:1998(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 3058 was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 2, *Surface methods*.

This second edition cancels and replaces the first edition (ISO 3058:1974), which has been technically revised.

Annex A forms an integral part of this International Standard. Annexes B and C are for information only.

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## Introduction

Experience has shown that a lack of familiarity with the principles underlying the performance, selection and use of low-power magnifiers is a cause of significant loss in terms of time and effort and is markedly detrimental to the efficiency of visual inspection.

This International Standard is intended to provide general guidance on the choice of low-power magnifiers used in the examination of metallic and other surfaces in order to detect the presence of imperfections or to assess condition and texture.

As necessary, terms of special significance in the context of this document are defined in annex A.