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## Personal eye-protectors — Non-optical test methods

*Protecteurs individuels de l'œil — Méthodes d'essai autres qu'optiques*

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**Descriptors** : accident prevention, eyes, eyeglasses, safety devices, tests, impact tests, thermal tests, ultraviolet radiation, flammability testing, corrosion tests, chemical tests, gas resistance tests.

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 4855 was developed by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, and was circulated to the member bodies in July 1978.

It has been approved by the member bodies of the following countries :

Australia	Ireland	Romania
Austria	Israel	South Africa, Rep. of
Belgium	Italy	Spain
Czechoslovakia	Mexico	Switzerland
France	Netherlands	USA
Germany, F.R.	New Zealand	USSR
Hungary	Norway	
Iran	Poland	

The member bodies of the following countries expressed disapproval of the document on technical grounds :

Denmark  
United Kingdom

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# Personal eye-protectors — Non-optical test methods

## 1 Scope and field of application

This International Standard specifies the non-optical test methods for eye-protectors the requirements for which are given in ISO 4849 to 4853.<sup>1)</sup>

The optical test methods are given in ISO 4854.

PRELIMINARY REMARK — Of the tests described, the test for stability at elevated temperature should be carried out first on eye-protectors, generally followed by the test for robustness.

## 2 References

ISO 565, *Test sieves — Woven metal wire cloth and perforated plate — Nominal sizes of apertures.*

ISO 4849, *Personal eye-protectors — Specifications.*

ISO 4850, *Personal eye-protectors for welding and related techniques — Filters — Utilisation and transmittance requirements.*

ISO 4851, *Personal eye-protectors — Ultraviolet filters — Utilisation and transmittance requirements.*

ISO 4852, *Personal eye-protectors — Infrared filters — Utilisation and transmittance requirements.*

ISO 4854, *Personal eye-protectors — Optical test methods.*

1) In preparation : ISO 4853, *Personal eye-protectors — Daylight filters — Utilization and transmittance requirements.*