International Standard



INTERNATIONAL ORGANIZATION FOR STANDARDIZATION+MEXCHAPOCHAR OPFAHU3ALUNR TO CTAHCAPTU3ALUN+ORGANISATION INTERNATIONALE DE NORMALISATION

## Personal eye-protectors for welding and related techniques — Filters — Utilisation and transmittance requirements

Protecteurs individuels de l'œil pour le soudage et les techniques connexes — Filtres — Utilisation et spécifications de transmission

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Descriptors : accident prevention, eyes, welding equipment, equipment specifications, optical filters, optical properties, selection.

## 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 4850 was developed by Technical Committee ISO/TC 94, *Personal safety — Protective clothing and equipment*, and vas circulated to the member bodies in May 1977.

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

Australia Austria Belgium Bulgaria Denmark Egypt, Arab Rep. of France Germany, F. R. Hungary

Iran Ireland Israel Italy Japan Mexico New Zealand Norway Poland Romania South Africa nep. of Spain Switzerland Turkey United Kingdom USSR Yugoslavia

No member body expressed disapproval of the document.

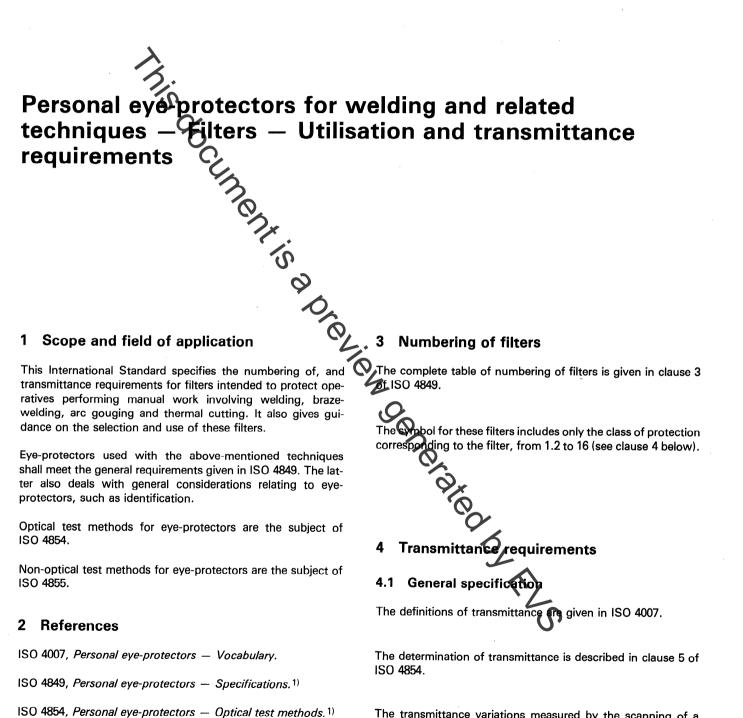
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ISO 4855,

methods.

Personal eye-protectors -

Non-optical test



The transmittance variations measured by the scanning of a light beam of 5 mm diameter over the entire area of the filter, except in a marginal area 5 mm wide, shall remain within the limits defined as "relative uncertainty" in table 2 of ISO 4854.

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