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International

ISO 9185

Protective clothing — Assessment of resistance of materials to molten metal splash

Habillement de protection — Évaluation de la résistance aux projections de métal fondu

Third edition
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This document was prepared by Technical Committee ISO/TC 94, *Personal safety — Personal protective equipment*, Subcommittee SC 13, *Protective clothing,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 162, *Protective clothing including hand and arm protection and lifejackets,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 9185:2007), which has been technically revised.

The main changes are as follows:

— reference to the new PVC sensor film (footnote 1 in 5.2);

— addition of possible use of a metal support (Figure 3, 5.10, Clause 12 and Annex A);

— addition of a performance level-based testing procedure (10.2);

— addition of Annex C, adjustments and updates in Annexes A and B.

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This document introduces changes intended to improve reproducibility when using a new batch of PVC sensor film.

These changes are, principally:

— more precise definitions of damage to the PVC sensor film;

— better damage assessment criteria to determine results;

— introduction of a metal support located beneath the test specimen, for tests using all metals except aluminium and cryolite.

A new batch of PVC sensor film was produced and is shown by thorough inter-laboratory trials to behave comparably to the previous PVC sensor film. The new batch of PVC sensor film is now available by a new world-wide distributor, see footnote 1 in 5.2.

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