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Irish Standard
I.S. EN 17353:2020

Protective clothing - Enhanced visibility equipment for medium risk situations - Test methods and requirements

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This document is based on:	*Published:*
EN 17353:2020	2020-08-12

This document was published under the authority of the NSAI and comes into effect on:	ICS number:
2020-08-30	13.340.10
	NOTE: If blank see CEN/CENELEC cover page

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NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 17353

August 2020

ICS 13.340.10

Supersedes EN 1150:1999

English Version

Protective clothing - Enhanced visibility equipment for medium risk situations - Test methods and requirements

Habillement de protection - Équipement de visualisation améliorée pour des situations à risque modéré - Méthodes d'essai et exigences

Schutzkleidung - Erhöhte Sichtbarkeit für mittlere Risikosituationen - Prüfverfahren und Anforderungen

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European foreword

This document (EN 17353:2020) has been prepared by Technical Committee CEN/TC 162 “Protective clothing including hand and arm protection and lifejackets”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2021, and conflicting national standards shall be withdrawn at the latest by August 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 1150:1999, and EN 13356:2001.

This document has been prepared under a standardization request given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Regulation 2016/425.

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

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1 Scope

This document specifies requirements for enhanced visibility equipment in the form of garments, or devices, which are capable of visually signalling the user's presence.

The enhanced visibility equipment is intended to provide conspicuity of the wearer in medium risk situations under any daylight conditions and/or under illumination by vehicles headlights or searchlights in the dark.

Performance requirements are included for colour and retroreflection as well as for the minimum areas and for the placement of the materials in protective equipment.

This document is not applicable to:

- high visibility equipment in high-risk situations, which is covered in EN ISO 20471 (for further information concerning risk situations, see Annex A);
- visibility equipment specifically intended for the head, hands and feet, e.g. helmets, gloves and shoes;
- equipment integrating active lighting, e.g. LEDs;
- visibility for low-risk situations.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 20105-A02:1994, *Textiles - Tests for colour fastness - Part A02: Grey scale for assessing change in colour (ISO 105-A02:1993)*

EN 20105-A03:1994, *Textiles - Tests for colour fastness - Part A03: Grey scale for assessing staining (ISO 105-A03:1993)*

EN 20105-N01:1995, *Textiles - Tests for colour fastness - Part N01: Colour fastness to bleaching: Hypochlorite (ISO 105-N01:1993)*

EN 60068-2-31:2008, *Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens (IEC 60068 2 31:2008)*

EN ISO 105-B02:2014, *Textiles - Tests for colour fastness - Part B02: Colour fastness to artificial light: Xenon arc fading lamp test (ISO 105-B02:2014)*

EN ISO 105-C06:2010, *Textiles - Tests for colour fastness - Part C06: Colour fastness to domestic and commercial laundering (ISO 105-C06:2010)*

EN ISO 105-D01:2010, *Textiles - Tests for colour fastness - Part D01: Colour fastness to dry cleaning using perchloroethylene solvent (ISO 105-D01:2010)*

EN ISO 105-E04:2013, *Textiles - Tests for colour fastness - Part E04: Colour fastness to perspiration (ISO 105-E04:2013)*

EN ISO 105-X11:1996, *Textiles - Tests for colour fastness - Part X11: Colour fastness to hot pressing (ISO 105-X11:1994)*

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