

Data Acceptance Program (DAP) Assessment Report

Project Number: 4790324325 / Assessment conducted on June 6-7 & 9-10, 2022 / File Number: DA2382

Standard Number:	Standard Title:	Standard Edition (Amendment):	Clause:	Test method:
<b>ATTACHMENT A - Post Audit Scope (90 Tests Total)</b>				
CSA Z96	High-Visibility Safety Apparel	2009	6.1	PHOTOMETRIC AND PHYSICAL PERFORMANCE REQUIREMENTS FOR RETROREFLECTIVE MATERIALS-PERFORMANCE OF RETROREFLECTIVE MATERIAL PRIOR TO TEST EXPOSURES
CSA Z96	High-Visibility Safety Apparel	2009	6.2	PERFORMANCE OF RETROREFLECTIVE MATERIAL AFTER TEST EXPOSURES (EXCEPT 8.4.7-DRY CLEANING)
CSA Z96	High-Visibility Safety Apparel	2015	4	GARMENT CLASS AND DESIGN
CSA Z96	High-Visibility Safety Apparel	2015	4.4	SPECIAL ALLOWANCES FOR FR GARMENT DESIGN
CSA Z96	High-Visibility Safety Apparel	2015	5.1	COLOUR OF BACKGROUND AND COMBINED-PERFORMANCE MATERIALS
CSA Z96	High-Visibility Safety Apparel	2015	5.2.1	COLOURFASTNESS PROPERTIES FOR BACKGROUND MATERIALS-COLOURFASTNESS TO LIGHT (XENON)
CSA Z96	High-Visibility Safety Apparel	2015	5.2.2	COLOURFASTNESS PROPERTIES FOR BACKGROUND MATERIALS-COLOURFASTNESS TO CROCKING
CSA Z96	High-Visibility Safety Apparel	2015	5.2.3	COLOURFASTNESS PROPERTIES FOR BACKGROUND MATERIALS-COLOURFASTNESS TO PERSPIRATION
CSA Z96	High-Visibility Safety Apparel	2015	5.2.4	COLOURFASTNESS PROPERTIES FOR BACKGROUND MATERIALS-COLOURFASTNESS PROPERTIES RELATED TO CARE LABELING
CSA Z96	High-Visibility Safety Apparel	2015	5.3	DIMENSIONAL CHANGE FOR BACKGROUND MATERIALS
CSA Z96	High-Visibility Safety Apparel	2015	5.4.1	MECHANICAL PROPERTIES OF BACKGROUND MATERIALS-BURSTING STRENGTH OF KNITTED AND OTHER NONWOVEN MATERIALS
CSA Z96	High-Visibility Safety Apparel	2015	5.4.2	MECHANICAL PROPERTIES OF BACKGROUND MATERIALS-TEAR RESISTANCE OF WOVEN MATERIALS (UNCOATED, COATED, OR LAMINATED)
CSA Z96	High-Visibility Safety Apparel	2015	5.5.1	PERFORMANCE UNDER WET CONDITIONS-WATER REPELLENCY
CSA Z96	High-Visibility Safety Apparel	2015	5.5.2	PERFORMANCE UNDER WET CONDITIONS-WATER RESISTANCE
CSA Z96	High-Visibility Safety Apparel	2015	5.5.3	PERFORMANCE UNDER WET CONDITIONS-WATER PENETRATION
CSA Z96	High-Visibility Safety Apparel	2015	5.6	WATER VAPOUR PERMEABILITY FOR BACKGROUND MATERIALS CLASSIFIED AS BREATHABLE
CSA Z96	High-Visibility Safety Apparel	2015	6.1	PHOTOMETRIC AND PHYSICAL PERFORMANCE REQUIREMENTS FOR RETROREFLECTIVE MATERIALS-PERFORMANCE OF RETROREFLECTIVE MATERIAL PRIOR TO TEST EXPOSURES
CSA Z96	High-Visibility Safety Apparel	2015	6.2	PERFORMANCE OF RETROREFLECTIVE MATERIAL AFTER TEST EXPOSURES (EXCEPT 8.4.7-DRY CLEANING)
CSA Z96	High-Visibility Safety Apparel	2015	7.2	DETERMINATION OF COLOUR
CSA Z96	High-Visibility Safety Apparel	2015	7.3	DETERMINATION OF RETROREFLECTIVE PHOTOMETRIC PERFORMANCE
CSA Z96	High-Visibility Safety Apparel	2015	7.4.1	RETROREFLECTION AFTER TEST EXPOSURES-ABRASION
CSA Z96	High-Visibility Safety Apparel	2015	7.4.2	RETROREFLECTION AFTER TEST EXPOSURES-FLEXING
CSA Z96	High-Visibility Safety Apparel	2015	7.4.3	RETROREFLECTION AFTER TEST EXPOSURES-FOLDING AT COLD TEMPERATURES
CSA Z96	High-Visibility Safety Apparel	2015	7.4.4	RETROREFLECTION AFTER TEST EXPOSURES-EXPOSURE TO TEMPERATURE VARIATION

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CSA Z96	High-Visibility Safety Apparel	2015	7.4.6	RETROREFLECTION AFTER TEST EXPOSURES- WASHING ACCORDING TO CARE LABEL
CSA Z96	High-Visibility Safety Apparel	2015	7.4.8	RETROREFLECTION AFTER TEST EXPOSURES- RETROREFLECTIVE PERFORMANCE UNDER WET CONDITIONS
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.2	DETERMINATION OF COLOR
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.3	METHOD FOR DETERMINATION OF RETROREFLECTIVE PHOTOMETRIC PERFORMANCE
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.4.1	RETROREFLECTION AFTER TEST EXPOSURE- ABRASION
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.4.2	RETROREFLECTION AFTER TEST EXPOSURE- FLEXING
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.4.3	RETROREFLECTION AFTER TEST EXPOSURE- FOLDING AT COLD TEMPERATURES
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.4.4	RETROREFLECTION AFTER TEST EXPOSURE- EXPOSURE TO TEMPERATURE VARIATION
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.4.5.1 - 10.4.5.2	RETROREFLECTION AFTER TEST EXPOSURE- WASHING
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	10.4.6	RETROREFLECTION AFTER TEST EXPOSURE- RETROREFLECTIVE WET PERFORMANCE
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	6	DESIGN
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.1.1	COLOR- BACKGROUND AND COMBINED- PERFORMANCE MATERIALS PRIOR TO EXPOSURE TESTS
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.1.2	COLOR-COLORFASTNESS OF COMBINED- PERFORMANCE MATERIALS AFTER XENON TEST
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.2.1	COLORFASTNESS OF BACKGROUND MATERIALS - COLORFASTNESS TO CROCKING
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.2.2	COLORFASTNESS OF BACKGROUND MATERIALS-COLORFASTNESS TO PERSPIRATION
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.2.3	COLORFASTNESS OF BACKGROUND MATERIALS-COLORFASTNESS - WHEN LAUNDERED, DRY-CLEANED, HYPOCHLORITE BLEACHED AND HOT-PRESSED
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.2.4	COLORFASTNESS OF BACKGROUND MATERIALS-COLORFASTNESS OF BACKGROUND MATERIALS AFTER XENON TEST
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.3	DIMENSIONAL CHANGE OF BACKGROUND MATERIAL(AATCC 135-2012:HOME LAUNDERING)
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.4.1	MECHANICAL PROPERTIES OF BACKGROUND MATERIALS - BURSTING STRENGTH OF KNITTED MATERIALS AND OTHER NONWOVEN CONSTRUCTIONS (UNCOATED, COATED OR LAMINATE)
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.4.2	MECHANICAL PROPERTIES OF BACKGROUND MATERIALS - TEAR RESISTANCE OF WOVEN MATERIALS (UNCOATED, COATED, OR LAMINATE)
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.5.1	PERFORMANCE UNDER WET CONDITIONS- WATER REPELLENCY
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.5.2	PERFORMANCE UNDER WET CONDITIONS- WATER RESISTANCE
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.5.3	PERFORMANCE UNDER WET CONDITIONS- WATERPROOF

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ISEA 107	High-Visibility Safety Apparel and Accessories	2015	8.6	WATER VAPOR PERMEABILITY FOR BACKGROUND MATERIALS CLASSIFIED AS BREATHABLE
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	9.1	PHOTOMETRIC AND PHYSICAL PERFORMANCE REQUIREMENTS FOR RETROREFLECTIVE MATERIALS-RETROREFLECTIVE PERFORMANCE REQUIREMENTS PRIOR TO TEST EXPOSURE
ISEA 107	High-Visibility Safety Apparel and Accessories	2015	9.2	RETROREFLECTIVE PERFORMANCE REQUIREMENTS AFTER TEST EXPOSURE (EXCEPT 10.4.5.3-DRY CLEANING)
NFPA 1971	Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting	2018	8.45	RETROREFLECTIVITY AND FLOURESCENCE
NFPA 2112	Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire	2018	8.1.3	WASHING AND DRYING PROCEDURE
NFPA 2112	Flame-Resistant Clothing for Protection of Industrial Personnel Against Short-Duration Thermal Exposures from Fire	2018	8.5	MANIKIN
NFPA 1999	Standard on Protective Clothing and Ensembles for Emergency Medical Operations	2018	8.28	Moisture Vapor Transmission Rate
ISEA 107	High-Visibility Safety Apparel	2020	6	Design
ISEA 107	High-Visibility Safety Apparel	2020	7.1	Criteria for Optional Features and Testing--Pockets
ISEA 107	High-Visibility Safety Apparel	2020	7.2	Criteria for Optional Features and Testing--Identification Panels, Lettering and Logos (Type R and P)
ISEA 107	High-Visibility Safety Apparel	2020	7.3	Criteria for Optional Features and Testing--Identification of Personnel (Type P)
ISEA 107	High-Visibility Safety Apparel	2020	7.5	Criteria for Optional Features and Testing--Single-Use Disposable Coveralls
ISEA 107	High-Visibility Safety Apparel	2020	8.1	Requirements for Background and Combined-Performance Retroreflective Materials--color
ISEA 107	High-Visibility Safety Apparel	2020	8.2	Requirements for Background and Combined-Performance Retroreflective Materials--Colorfastness of Background Material
ISEA 107	High-Visibility Safety Apparel	2020	8.3	Requirements for Background and Combined-Performance Retroreflective Materials--Dimensional Change of Background Material
ISEA 107	High-Visibility Safety Apparel	2020	8.4	Requirements for Background and Combined-Performance Retroreflective Materials--Mechanical Properties of Background Material
ISEA 107	High-Visibility Safety Apparel	2020	8.5	Requirements for Background and Combined-Performance Retroreflective Materials--Performance Under Wet Conditions
ISEA 107	High-Visibility Safety Apparel	2020	8.6	Requirements for Background and Combined-Performance Retroreflective Materials--Water Vapor Permeability for Background Materials Classified as Breathable
ISEA 107	High-Visibility Safety Apparel	2020	9.1	Photometric and Physical Performance Requirements for Retroreflective and Combined-Performance Materials--Retroreflective Performance Requirements Prior to Test Exposure
ISEA 107	High-Visibility Safety Apparel	2020	9.2	Photometric and Physical Performance Requirements for Retroreflective and Combined-Performance Materials--Retroreflective Performance Requirements After Test Exposure
ISEA 107	High-Visibility Safety Apparel	2020	10.1	Sampling and Conditioning
CSA Z96	High-Visibility Safety Apparel	2022	4	GARMENT CLASS AND DESIGN
CSA Z96	High-Visibility Safety Apparel	2022	4.4	Special allowances for FR garment design

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CSA Z96	High-Visibility Safety Apparel	2022	5.1	Photometric and physical performance requirements for colour of background and combined-performance materials
CSA Z96	High-Visibility Safety Apparel	2022	5.2	Colourfastness to light (xenon) properties for background and combined- performance materials
CSA Z96	High-Visibility Safety Apparel	2022	5.3.1	Colourfastness properties for background materials –Colourfastness to crocking
CSA Z96	High-Visibility Safety Apparel	2022	5.3.2	Colourfastness properties for background materials – Colourfastness to perspiration
CSA Z96	High-Visibility Safety Apparel	2022	5.3.3	Colourfastness properties for background materials – Colourfastness properties related to care labeling
CSA Z96	High-Visibility Safety Apparel	2022	5.4	Dimensional Change for background materials
CSA Z96	High-Visibility Safety Apparel	2022	5.5.1	Mechanical properties for background materials - Bursting strength of knitted and other nonwoven materials
CSA Z96	High-Visibility Safety Apparel	2022	5.5.2	Mechanical properties for background materials - Tear resistance of woven materials (uncoated, coated, or laminated)
CSA Z96	High-Visibility Safety Apparel	2022	5.6.1	Performance under wet conditions – Water repellency
CSA Z96	High-Visibility Safety Apparel	2022	5.6.2	Performance under wet conditions – Water resistance
CSA Z96	High-Visibility Safety Apparel	2022	5.6.3	Performance under wet conditions – Water penetration
CSA Z96	High-Visibility Safety Apparel	2022	5.7	Water vapour permeability for background materials classified as breathable
CSA Z96	High-Visibility Safety Apparel	2022	6.1	Photometric performance for retroreflective and combined performance retroreflective materials before and after physical exposure - Photometric performance prior to test exposure
CSA Z96	High-Visibility Safety Apparel	2022	6.2	Photometric performance for retroreflective and combined performance retroreflective materials before and after physical exposure - Photometric performance after test exposure (Except 7.4.8 After Dry Cleaning)
CSA Z96	High-Visibility Safety Apparel	2022	7.4.1	Retroreflection after test exposures – Abrasion
CSA Z96	High-Visibility Safety Apparel	2022	7.4.2	Retroreflection after test exposures – Flexing
CSA Z96	High-Visibility Safety Apparel	2022	7.4.3	Retroreflection after test exposures – Folding at Cold Temperature
CSA Z96	High-Visibility Safety Apparel	2022	7.4.4	Retroreflection after test exposures – Exposure to Temperature Variation
CSA Z96	High-Visibility Safety Apparel	2022	7.4.7	Retroreflection after test exposures – Washing
CSA Z96	High-Visibility Safety Apparel	2022	7.4.9	Retroreflective performance under wet conditions