

## TEST REPORT

Applicant: Innovative Eyewear, Inc  
Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

Attn: Joaquin Abondano

Sample Description : Smart Eyewear  
Quantity Submitted : LCD008-11: 26 pieces  
LCD008-12: 30 pieces  
Item No. : LCD008-11, LCD008-12  
Protector Type : Spectacles  
Material : Not Provided  
Headform : 1-M  
Scale No. : G3  
Frame Color : Black  
Lens Color : GREEN/BLACK  
Lens Type : Polarized  
P.O. No. : Not Provided  
Age Grading for Testing : Adult  
Supplier : Shenzhen Gonbes Technology Co Ltd.  
Buyer : Not Provided  
Goods Exported to : Not Provided  
Country of Origin : Not Provided  
Date(s) of Samples Received : August 7, 2025  
Date of Test Period : August 7, 2025 – October 17, 2025

### OVERALL RESULT: PASS

*Note: The results only relate to the samples tested.*

For and on behalf of :

UL VS Shanghai Limited Shenzhen Branch



Hedy Li - Laboratory Manager  
(Eyewear Department)



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SZ-FAF-001 (2024-02-04)

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Product Photo:  
LCD008-11



LCD008-12



**Conclusion:**  
**Tested Samples**  
LCD008-11

**Standard**  
EN ISO 16321-1: 2022 Eye and face protection for occupational use –  
Part 1: General Requirements, only test the related parameters, please  
refer to “Tests Conducted Summary” for details

**Result**  
PASS

LCD008-12

EN ISO 16321-1: 2022 Eye and face protection for occupational use –  
Part 1: General Requirements, only test the related parameters, please  
refer to “Tests Conducted Summary” for details

PASS

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### TEST RESULTS

#### Tests Conducted Summary:

##### Test standards

EN ISO 18526-1: 2020 Eye and face protection – Test methods – Part 1: Geometrical optical properties  
EN ISO 18526-2: 2020 Eye and face protection – Test methods – Part 2: Physical optical properties  
EN ISO 18526-3: 2020 Eye and face protection – Test methods – Part 3: Physical and mechanical properties

##### Item No. : LCD008-11

Note: Protectors shall be designed and manufactured in such a way that , when used under the conditions and for the purposes intended, they will not compromise the health and safety of the wearer. The risks posed by substances leaking or evaporating from the protector that can come into prolonged contact with the wearer, shall be reduced by the manufacturer to within the limits of any applicable regulatory requirement. Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction.

Requirement				Testing Standards		Results
Test Items		According to		According to		
		EN ISO	Clause	EN ISO	Clause	
General requirements for protectors	Construction and adjustment	16321-1	4.3	18526-3	6.1	P
Geometrical optical requirements for protectors	Field of view	16321-1	5.1	18526-3	6.2	P
	Refractive power and prismatic power for plano lenses	16321-1	5.2	18526-1	6.1&6.2	P
Physical optical requirements for protectors	Detection of signal lights	16321-1	6.1	18526-2	11	P
	Luminous transmittance of lenses without deliberate filter action	16321-1	6.2	18526-1	7.1	NA
	Sunglare filters for occupational use	16321-1	6.3.3	18526-2	6&7&8	P
	Uniformity of luminous transmittance and transmittance matching	16321-1	6.4	18526-2	7.4&7.5	P
	Scattered light	16321-1	6.5	18526-2	14.1	P
	Frame transmittance	16321-1	6.6	--	--	P

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### TEST RESULTS

Requirement				Testing Standards		Results
Test Items		According to		According to		
		EN ISO	Clause	EN ISO	Clause	
Physical and mechanical requirements for protectors	Area to be protected by eye protectors	16321-1	7.1.2	18526-3	6.3&6.4	P
	Lateral protection	16321-1	7.1.4	18526-3	6.4	NA
	Headbands and harnesses	16321-1	7.2	18526- 3	6.5	NA
	Quality of material and surface	16321-1	7.3	18526- 3	6.6	P
	Basic impact level of complete protectors	16321-1	7.4	18526- 3	7.3.1	P
	Resistance to thermal exposure	16321-1	7.5	18526-3	6.7	P
	Resistance to UV radiation	16321-1	7.6	18526-3	6.8.3	P
	Corrosion Resistance of Metal Test	16321-1	7.7	18526-3	6.9	P
	Resistance to ignition	16321-1	7.8	18526-3	6.10	P
	Penetration of vents and gaps	16321-1	7.9	18526-3	7.5	NA
	High-speed impact resistance at extremes of temperatures (impact level CT)	16321-1	7.10.2	18526-3	7.3.2.2	NA
	High Mass impact at extremes of temperatures (impact level HMT)	16321-1	7.11.2	18526-3	7.3.3.2	NA
	Resistance to surface damage due to flying fine particles	16321-1	7.12	18526-3	7.4	NA
				18526-2	14.1	
	Resistance to fogging of lenses or filters	16321-1	7.13	18526-3	6.11	NA
Markings of protectors		16321-1	8	18526-3	8	P
Information to be supplied by the manufacturer		16321-1	9	18526-3	9	P

Abbreviation: P=Pass; NA=Not Applicable; NR=Not Require; NC= Not Comment; ✓=Checked

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### TEST RESULTS

#### Construction and adjustment — Clause 4.3/ EN ISO 18526-3:2020 Clause 6.1

Sample NO.	Defects		Comment	Result
	Observed	Absent		
1#		✓	--	P

#### Requirements:

- Areas of the protector that may, during intended use, come into contact with the wearer shall be free from projections, sharp edges or other features likely to cause discomfort or injury during use.
- Any part of the protector that can be adjusted or removed by the wearer for the purpose of replacement (in accordance with the instructions given in the information to be supplied by the manufacturer) shall facilitate adjustment, removal and attachment without the use of tools.
- Any adjustment system incorporated in the protector shall maintain the intended fit for the foreseeable conditions of use.

#### Field of view — Clause 5.1/EN ISO 18526-3:2020 Clause 6.2

Sample NO.	Used for driving		Test position		Angle of view (°)		Result
	Yes	No			Left	Right	
1#	✓		Horizontal meridian	temporally	>60	>60	P
				nasally	>30	>30	
			Vertical meridian	superiorly	>30	>30	
				inferiorly	>30	>30	

#### Requirements:

- Protectors, in the as-worn position, shall have a minimum unobstructed field of view in front of each eye of 30° temporally and nasally in the horizontal meridian, and 30° superiorly and inferiorly in the vertical meridian.
- Protectors used for driving shall have a minimum unobstructed field of view in front of each eye of 60° temporally and 30° nasally in the horizontal meridian and 30° superiorly and inferiorly in the vertical meridian.

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### TEST RESULTS

#### Refractive Power and Prismatic power for plano lenses — Clause 5.2/ EN ISO 18526-1:2020 Clause 6.1&6.2

Sample No.			1#		2#		3#		Result
Test Items			Left	Right	Left	Right	Left	Right	
Refractive powers (D)	Spherical power		0.02	0.05	0.02	0.06	0.02	0.05	P
	Cylindrical power		0.00	0.00	0.00	0.00	0.00	0.00	P
Maximum difference between the measured spherical powers of the right and left lenses  F <sub>R</sub> – F <sub>L</sub>			0.03		0.04		0.03		P
Prism imbalance (Δ)	Horizontal	Base Out	0.02		0.03		0.02		P
		Base In	--		--		--		
	Vertical		0.03		0.07		0.00		P

#### Requirements:

- The spherical power, cylindrical power and prism diopter shall not exceed the tolerances.

Products	Spherical power	Cylindrical power	$ F_R - F_L $	Horizontal prism diopters( $\Delta$ )		Vertical prism diopters ( $\Delta$ )
				Base out prism diopters	Base in prism diopters	
eye shields, face shields, spectacles, goggles	$\pm 0.12$	$\leq 0.12$	$\leq 0.18$	$\leq 1.00$	$\leq 0.25$	$\leq 0.25$

Measurement Uncertainty (if necessary):

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### TEST RESULTS

#### Detection of signal lights — Clause 6.1 /EN ISO 18526-2:2020 Clause 11

Sample NO.		1#		2#		3#		Result
Test Items		Left	Right	Left	Right	Left	Right	
Luminous transmittance $\tau$ (475-650nm) (%)		9.53	9.66	9.44	9.93	10.07	10.03	P
Relative visual attenuation coefficient, Q	Red	1.10	1.09	1.10	1.10	1.10	1.10	P
	Yellow	0.99	0.98	0.99	0.99	0.99	0.99	
	Green	1.01	1.01	1.01	1.01	1.01	1.01	
	Blue	1.16	1.16	1.16	1.15	1.15	1.15	
Requirements:								
1. Between 475 nm and 650 nm, the spectral transmittance shall be not less than 0,20 $\tau$ v;								
2. The relative visual attenuation coefficient, Q, for red, yellow, green and blue signal lights shall be not less than 0.80.								

Measurement Uncertainty (if necessary):

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### TEST RESULTS

#### Sunglare filters for occupational use — 6.3.3/EN ISO 18526-2:2020 Clause6&7&8

Sample No.		1#		2#		3#		Results
Test Items		Left	Right	Left	Right	Left	Right	
Luminous Transmittance (%)	$\tau_{v, D65}(380nm \sim 780nm)$	11.78	11.95	11.72	12.19	12.26	12.20	P
Wavelength range from 280 nm to 400 nm (%)	$\tau_{SUVB}(280nm \leq \lambda \leq 315nm)$	0.06	0.06	0.06	0.06	0.06	0.07	P
	$\tau_{SUVA}(315nm < \lambda \leq 380nm)$	0.03	0.03	0.03	0.03	0.03	0.03	P
	$\tau_{m380-400}(380nm < \lambda \leq 400nm)$	0.01	0.01	0.01	0.01	0.01	0.01	P

#### Requirements:

Transmittance requirements for sunglare filters for occupational use.

Scale number	Maximum solar UV-B transmittance $\tau_{SUVB}$ (280~315nm) (%)	Maximum solar UV-A transmittance $\tau_{SUVA}$ (315~380nm) (%)	Maximum mean 380nm to 400nm transmittance $\tau_{m380-400}$ (380~400nm) (%)	Luminous transmittance $\tau_{v, D65}$ (380~780nm) (%)	Maximum solar IR transmittance $\tau_{SIR}$ (780~2000nm) (%)
G0	0.03 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	0.75 $\tau_{v, D65}$	$100 > \tau_{v, D65} \geq 80$	$\tau_{v, D65}$
G1	0.03 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	0.75 $\tau_{v, D65}$	$80 > \tau_{v, D65} \geq 43$	$\tau_{v, D65}$
G2	0.03 $\tau_{v, D65}$	0.25 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	$43 > \tau_{v, D65} \geq 18$	$\tau_{v, D65}$
G3	0.03 $\tau_{v, D65}$	0.25 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	$18 > \tau_{v, D65} \geq 8$	$\tau_{v, D65}$
G4	0.03 $\tau_{v, D65}$	0.5 % absolute or 0.125 $\tau_{v, D65}$ whichever is greater	0.5 % absolute or 0.125 $\tau_{v, D65}$ whichever is greater	$8 > \tau_{v, D65} \geq 3$	$\tau_{v, D65}$

Measurement Uncertainty (if necessary):

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#### Polarizing filters—Clause 6.3.3.4.2/EN ISO 18526-2:2020 Clause 15.1

Sample No.	1#			
Test Items	Requirements	Left	Right	Result
Degree of polarizing Filters (°)	The direction of the intended horizontal orientation of the filter does not deviate from the horizontal direction by more than ±5°	-1.68	-1.05	P
	The misalignment the planes of transmission of the left and right filters shall not be greater than 6°	0.63		
The polarization efficiency (%)	For category GL1 : >60% For category GL2, GL3, GL4 : >78%	84.22	82.99	P

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## TEST REPORT

Applicant: Innovative Eyewear, Inc  
Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

Uniformity of luminous transmittance and transmittance matching —Clause 6.4/  
EN ISO 18526-2:2020 Clause 7.4&7.5

Sample No.		1#		2#		3#		Result
Test Items		Left	Right	Left	Right	Left	Right	
Relative variations of the luminous transmittance around the reference point,ΔF <sub>R</sub> and ΔF <sub>L</sub> , (%)	$\tau_v$ max	12.18	12.34	12.13	12.62	12.73	12.63	P
	$\tau_v$ min	11.58	11.68	11.59	11.80	12.00	11.91	
	ΔF	4.9	5.3	4.5	6.5	5.7	5.7	
Relative difference of the luminous transmittance ΔP between the right and left eye reference points (%)	$\tau_v$	11.78	11.95	11.72	12.19	12.26	12.20	P
	ΔP	1.4		3.9		0.5		

Requirements:

Variations in mean luminous transmittance for filters

luminous transmittance $380 \text{ nm} \leq \lambda \leq 780 \text{ nm}$ , %	Maximum value of $\Delta F_R$ and $\Delta F_L$ , %	Maximum value of $\Delta P$ , %
$100 > \tau_v \geq 17.8$	10	15
$17.8 > \tau_v \geq 0.44$	20	15
$0.44 > \tau_v \geq 0.023$	30	20
$0.023 > \tau_v \geq 0.0012$	40	20
$0.0012 > \tau_v \geq 0.00023$	60	20

Note:

- Calculate the values of  $\Delta F_R$  and  $\Delta F_L$  as a percentage, for the right (R) and left (L) scanned areas from the following:

$$\Delta F_R = 100 \times \frac{(\tau_{v,max,R} - \tau_{v,min,R})}{\tau_{v,max,R}} \quad \Delta F_L = 100 \times \frac{(\tau_{v,max,L} - \tau_{v,min,L})}{\tau_{v,max,L}}$$

- Express this ratio  $\Delta P$  as a percentage as given in:

$$\Delta P = 100 \times \frac{|\tau_{v,R} - \tau_{v,L}|}{\max(\tau_{v,R}, \tau_{v,L})}$$

Measurement Uncertainty (if necessary):

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### TEST RESULTS

#### Scattered light —Clause 6.5/ EN ISO 18526-2:2020 Clause 14.1

Sample No.	Wide angle scatter (%)		Result
	Left	Right	
4#	0.5	0.4	P
5#	0.6	0.5	P
6#	0.5	0.5	P

Requirements:  
The percentage value of wide angle scatter shall not exceed 3,0 %.

Measurement Uncertainty (if necessary):

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### TEST RESULTS

#### Frame transmittance—Clause 6.6

Sample No.		1#		2#		3#		Results
Test Items		Left	Right	Left	Right	Left	Right	
Scale number declared		G3	G3	G3	G3	G3	G3	P
Wavelength range from 280 nm to 400 nm (%)	$\tau_{SUVB}$ (280nm $\leq \lambda \leq$ 315nm)	0.06	0.06	0.06	0.06	0.06	0.07	P
	$\tau_{SUVA}$ (315nm $< \lambda \leq$ 380nm)	0.03	0.03	0.03	0.03	0.03	0.03	P
	$\tau_{m380-400}$ (380nm $< \lambda \leq$ 400nm)	0.01	0.01	0.01	0.01	0.01	0.01	P

Requirements:

Transmittance requirements for sunglare filters for occupational use.

Scale number	Maximum solar UV-B transmittance $\tau_{SUVB}$ (280~315nm) (%)	Maximum solar UV-A transmittance $\tau_{SUVA}$ (315~380nm) (%)	Maximum mean 380nm to 400nm transmittance $\tau_{m380-400}$ (380~400nm) (%)	Luminous transmittance $\tau_{v, D65}$ (380-780nm) (%)	Maximum solar IR transmittance $\tau_{SIR}$ (780~2000nm) (%)
G0	0.03 $\tau_{D65}$	0.5 $\tau_{D65}$	0.75 $\tau_{D65}$	$100 > \tau_{D65} \geq 80$	$\tau_{D65}$
G1	0.03 $\tau_{D65}$	0.5 $\tau_{D65}$	0.75 $\tau_{D65}$	$80 > \tau_{D65} \geq 43$	$\tau_{D65}$
G2	0.03 $\tau_{D65}$	0.25 $\tau_{D65}$	0.5 $\tau_{D65}$	$43 > \tau_{D65} \geq 18$	$\tau_{D65}$
G3	0.03 $\tau_{D65}$	0.25 $\tau_{D65}$	0.5 $\tau_{D65}$	$18 > \tau_{D65} \geq 8$	$\tau_{D65}$
G4	0.03 $\tau_{D65}$	0.5 % absolute or 0.125 $\tau_{D65}$ whichever is greater	0.5 % absolute or 0.125 $\tau_{D65}$ whichever is greater	$8 > \tau_{D65} \geq 3$	$\tau_{D65}$

a) the luminous transmittance of the frame shall not exceed the value corresponding to the darkest filter stated to be usable by the manufacturer;

b) the spectral requirements corresponding to the luminous transmittance of the darkest filter stated to be usable by the manufacturer shall be satisfied.

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### TEST RESULTS

Area to be protected by eye protectors —Clause 7.1.2/ EN ISO 18526-4:2020 Clause 4 and  
EN ISO 18526-3:2020 Clause 6.3&6.4

Sample NO.	Impact level	Area to be protected by eye protectors		Result
		Meet	No meet	
4#	Basic impact level	✓		P
Requirements: 1. The eye protector (combined lens and/or frame) shall cover the minimum area to be protected for the Basic impact level. 2. Impact level C or D is claimed, the minimum area to be protected for eye protectors shall protect, by means of the lens and/or frame, the orbital or extended orbital protection zone. 3. The protection against droplets or streams of liquids is claimed, the minimum area to be protected for spectacles, goggles and eye shields shall protect, by means of the lens and/or frame, the extended orbital protection zone.				

Quality of material and surface —Clause 7.3/EN ISO 18526-3:2020 Clause 6.6

Sample NO.	Defects		Comment	Result
	Observed	Absent		
1#		✓	--	P
2#		✓	--	P
3#		✓	--	P
4#		✓	--	P
5#		✓	--	P
6#		✓	--	P
Requirements: In a circular area 30 mm diameter center on the reference point(s) but excluding a marginal area 5 mm wide around the edge of the lens, visor or filter if this overlaps with the circular area, lenses, visors or filters shall be free from defects likely to impair vision in use (such as bubbles, scratches, inclusions, dull spots, pitting, mould marks, scouring, grains, pocking, scaling and undulation).				

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### TEST RESULTS

#### Basic impact level —Clause 7.4/ ISO 18526-3:2020 Clause 7.3.1

Sample NO.	Test temperature	*Impact Position	Defects		Comment	Result
			Observed	Absent		
7#	55°C±2°C	a		✓		P
8#		b		✓		P
9#		c		✓		P
10#		d		✓		P
11#	-5°C±2°C	a		✓		P
12#		b		✓		P
13#		c		✓		P
14#		d		✓		P

#### Requirements:

- The following defects of the lens, filter, protector housing or frame shall not be allowed:
    - cracking through the entire thickness into two or more pieces;
    - the protector separates into two or more pieces;
    - the lens or filter has become dislodged from its normal position;
    - material becomes detached from the surface opposite to that impacted;
    - the ball passes through the protector; or
    - an indication that there has been contact of the ball or the protector with the eye of the test headform.
- \*Note: The four impact points:  
a) the left eye, frontal; b) the right eye, frontal; c) the left eye, lateral; d) the right eye, lateral.

#### Resistance to thermal exposure —Clause 7.5/ EN ISO 18526-3:2020 Clause 6.7

Sample NO.	Defects		Comment	Result
	Observed	Absent		
15#		✓	--	P
16#		✓	--	P
17#		✓	--	P

#### Requirements:

No deformation of any part of the protector shall be observed.

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### TEST RESULTS

#### Resistance to UV radiation —Clause 7.6 /EN ISO 18526-3:2020,6.8.3

Sample NO.		1#		2#		Result
Test Items		Left	Right	Left	Right	
Relative change in luminous transmittance (%)	Luminous Transmittance (Initial) (%)	11.78	11.95	11.72	12.19	P
	Luminous Transmittance (After exposure) (%)	11.81	11.93	11.74	12.22	
	Relative change (%)	0.3	-0.2	0.2	0.2	
Wavelength range from 280 nm to 400 nm (%)	$\tau_{\text{SUVB}} (280\text{nm} \leq \lambda \leq 315\text{nm})$	0.06	0.07	0.06	0.06	
	$\tau_{\text{SUVA}} (315\text{nm} < \lambda \leq 380\text{nm})$	0.03	0.03	0.03	0.03	
	$\tau_{\text{m380-400}} (380\text{nm} < \lambda \leq 400\text{nm})$	0.01	0.01	0.01	0.01	
Wide angle scatter (%)		0.5	0.6	0.5	0.5	P

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Requirement:					
1. The relative change of luminous transmittance shall not be greater than the values.					
Initial luminous transmittance $\tau_v$ (380 nm $\leq \lambda \leq$ 780 nm), %			Permissible relative change in luminous transmittance for lenses without deliberate filtering effect, UV protective, IR protective and sunglare filters, %		
100 > $\tau_v \geq 17,8$			$\pm 5$		
17,8 > $\tau_v \geq 0,44$			$\pm 10$		
0,44 > $\tau_v \geq 0,023$			$\pm 15$		
0,023 > $\tau_v \geq 0,001\ 2$			$\pm 20$		
0,001 2 > $\tau_v \geq 0,000\ 023$			$\pm 30$		
2. The value of wide angle scatter shall not exceed 3 %;					
3. Any applicable UV and/or IR requirements for the initial $\tau_v$ shall continue to be satisfied.					
Scale number	Maximum solar UV-B transmittance $\tau_{SUVB}$ (280~315nm) (%)	Maximum solar UV-A transmittance $\tau_{SUVA}$ (315~380nm) (%)	Maximum mean 380nm to 400nm transmittance $\tau_{m380-400}$ (380~400nm) (%)	Luminous transmittance $\tau_{\eta\ D65}$ (380-780nm) (%)	Maximum solar IR transmittance $\tau_{SIR}$ (780~2000nm) (%)
G0	0.03 $\tau_{\eta\ D65}$	0.5 $\tau_{\eta\ D65}$	0.75 $\tau_{\eta\ D65}$	100 > $\tau_{\eta\ D65} \geq 80$	$\tau_{\eta\ D65}$
G1	0.03 $\tau_{\eta\ D65}$	0.5 $\tau_{\eta\ D65}$	0.75 $\tau_{\eta\ D65}$	80 > $\tau_{\eta\ D65} \geq 43$	$\tau_{\eta\ D65}$
G2	0.03 $\tau_{\eta\ D65}$	0.25 $\tau_{\eta\ D65}$	0.5 $\tau_{\eta\ D65}$	43 > $\tau_{\eta\ D65} \geq 18$	$\tau_{\eta\ D65}$
G3	0.03 $\tau_{\eta\ D65}$	0.25 $\tau_{\eta\ D65}$	0.5 $\tau_{\eta\ D65}$	18 > $\tau_{\eta\ D65} \geq 8$	$\tau_{\eta\ D65}$
G4	0,03 $\tau_{\eta\ D65}$	0.5 % absolute or 0.125 $\tau_{\eta\ D65}$ whichever is greater	0.5 % absolute or 0.125 $\tau_{\eta\ D65}$ whichever is greater	8 > $\tau_{\eta\ D65} \geq 3$	$\tau_{\eta\ D65}$

Measurement Uncertainty (if necessary):

### Corrosion Resistance of Metal Test — Clause 7.7

Sample No.	After 24 hours of test		Comment	Result
	Meet	No Meet		
1#	✓		--	P
Requirements: The intended use of all exposed metal parts of the protector shall not be affected. No metallic part that would come into direct contact with the user during intended use shall show signs of corrosion.				

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### TEST RESULTS

#### Resistance to ignition —Clause 7.8/EN ISO 18526-3:2020 Clause 6.10

Sample NO.	Continued combustion		Comment	Result
	Yes	No		
18#		✓	--	P
19#		✓	--	P

#### Requirements:

All exterior parts of protectors that are exposed (excluding headbands) shall not ignite or continue to glow after removal of the heated rod.

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## TEST RESULTS

### Markings — Clause 8&9/EN ISO 18526-3:2020 Clause 8

Observed Result		Comment	Result
Meet	No meet		
✓		--	P

#### Requirements:

##### 1. General

- 1) All markings should be clear and sufficiently durable to remain legible throughout the intended lifetime of the protector.
- 2) The marking shall not encroach into the minimum field of view. If the lenses or filters and frame front form a single unit, the complete marking shall be applied to at least one of the frame front or one of the lenses or filters.
- 3) For protectors that claim compliance with this document, the marking shall show only those aspects from those listed in Table that have been proved by testing.

Code numbers for marking of protectors	Requirements
16321	Basic use
1	Enhanced optical performance (marking optional)
3	Droplets
4	Large dust particles
5	Gas and fine dust particles
6	Streams of liquid
7	Radiant heat
9	Molten metals and hot solids
CH	Chemical resistance
K	Surface damage by fine particles
N	Resistance to fogging
C	Impact level C (45 m/s)
D	Impact level D (80 m/s)
E	Impact level E (120 m/s)
HM	Impact level HM
CT	Impact level C (45 m/s) at extremes of temperature
DT	Impact level D (80 m/s) at extremes of temperature
ET	Impact level E (120 m/s) at extremes of temperature
HMT	Impact level HM at extremes of temperature

##### 2. Mandatory markings on lenses/filters

- 1) For lenses or filters the sequence of markings shall be:
  - a) manufacturer's identifying mark or manufacturer's trade mark;
  - b) filtering performance code letter (U, R, GL, GLR, SF, etc.), if applicable;
  - c) enhanced infrared absorption or reflection if applicable;
  - d) shade number(s), if applicable;
  - e) impact level;

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SZ-FAF-001 (2024-02-04)

## TEST REPORT

Applicant: Innovative Eyewear, Inc  
Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Tests Conducted Summary:

##### Test standards

EN ISO 18526-1: 2020 Eye and face protection – Test methods – Part 1: Geometrical optical properties  
EN ISO 18526-2: 2020 Eye and face protection – Test methods – Part 2: Physical optical properties  
EN ISO 18526-3: 2020 Eye and face protection – Test methods – Part 3: Physical and mechanical properties

##### Item No. : LCD008-12

Note: Protectors shall be designed and manufactured in such a way that , when used under the conditions and for the purposes intended, they will not compromise the health and safety of the wearer. The risks posed by substances leaking or evaporating from the protector that can come into prolonged contact with the wearer, shall be reduced by the manufacturer to within the limits of any applicable regulatory requirement. Special attention shall be given to substances that are allergenic, carcinogenic, mutagenic or toxic to reproduction.

Requirement				Testing Standards		Results
Test Items		According to		According to		
		EN ISO	Clause	EN ISO	Clause	
General requirements for protectors	Construction and adjustment	16321-1	4.3	18526-3	6.1	P
Geometrical optical requirements for protectors	Field of view	16321-1	5.1	18526-3	6.2	P
	Refractive power and prismatic power for plano lenses	16321-1	5.2	18526-1	6.1&6.2	P
Physical optical requirements for protectors	Detection of signal lights	16321-1	6.1	18526-2	11	P
	Luminous transmittance of lenses without deliberate filter action	16321-1	6.2	18526-1	7.1	NA
	Sunglare filters for occupational use	16321-1	6.3.3	18526-2	6&7&8	P
	Uniformity of luminous transmittance and transmittance matching	16321-1	6.4	18526-2	7.4&7.5	P
	Scattered light	16321-1	6.5	18526-2	14.1	P
	Frame transmittance	16321-1	6.6	--	--	P

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SZ-FAF-001 (2024-02-04)

## TEST REPORT

Applicant: Innovative Eyewear, Inc  
Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

Requirement				Testing Standards		Results
Test Items		According to		According to		
		EN ISO	Clause	EN ISO	Clause	
Physical and mechanical requirements for protectors	Area to be protected by eye protectors	16321-1	7.1.2	18526-3	6.3&6.4	P
	Lateral protection	16321-1	7.1.4	18526-3	6.4	NA
	Headbands and harnesses	16321-1	7.2	18526- 3	6.5	NA
	Quality of material and surface	16321-1	7.3	18526- 3	6.6	P
	Basic impact level of complete protectors	16321-1	7.4	18526- 3	7.3.1	P
	Resistance to thermal exposure	16321-1	7.5	18526-3	6.7	P
	Resistance to UV radiation	16321-1	7.6	18526-3	6.8.3	P
	Corrosion Resistance of Metal Test	16321-1	7.7	18526-3	6.9	P
	Resistance to ignition	16321-1	7.8	18526-3	6.10	P
	Penetration of vents and gaps	16321-1	7.9	18526-3	7.5	NA
	High-speed impact resistance at extremes of temperatures (impact level CT)	16321-1	7.10.2	18526-3	7.3.2.2	NA
	High Mass impact at extremes of temperatures (impact level HMT)	16321-1	7.11.2	18526-3	7.3.3.2	NA
	Resistance to surface damage due to flying fine particles	16321-1	7.12	18526-3	7.4	NA
				18526-2	14.1	
	Resistance to fogging of lenses or filters	16321-1	7.13	18526-3	6.11	NA
Markings of protectors		16321-1	8	18526-3	8	P
Information to be supplied by the manufacturer		16321-1	9	18526-3	9	P

Abbreviation: P=Pass; NA=Not Applicable; NR=Not Require; NC= Not Comment; ✓=Checked

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SZ-FAF-001 (2024-02-04)



## TEST REPORT

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Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Construction and adjustment — Clause 4.3/ EN ISO 18526-3:2020 Clause 6.1

Sample NO.	Defects		Comment	Result
	Observed	Absent		
1#		✓	--	P

#### Requirements:

- Areas of the protector that may, during intended use, come into contact with the wearer shall be free from projections, sharp edges or other features likely to cause discomfort or injury during use.
- Any part of the protector that can be adjusted or removed by the wearer for the purpose of replacement (in accordance with the instructions given in the information to be supplied by the manufacturer) shall facilitate adjustment, removal and attachment without the use of tools.
- Any adjustment system incorporated in the protector shall maintain the intended fit for the foreseeable conditions of use.

#### Field of view — Clause 5.1/EN ISO 18526-3:2020 Clause 6.2

Sample NO.	Used for driving		Test position		Angle of view (°)		Result
	Yes	No			Left	Right	
1#	✓		Horizontal meridian	temporally	>60	>60	P
				nasally	>30	>30	
			Vertical meridian	superiorly	>30	>30	
				inferiorly	>30	>30	

#### Requirements:

- Protectors, in the as-worn position, shall have a minimum unobstructed field of view in front of each eye of 30° temporally and nasally in the horizontal meridian, and 30° superiorly and inferiorly in the vertical meridian.
- Protectors used for driving shall have a minimum unobstructed field of view in front of each eye of 60° temporally and 30° nasally in the horizontal meridian and 30° superiorly and inferiorly in the vertical meridian.

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SZ-FAF-001 (2024-02-04)

## TEST REPORT

Applicant: Innovative Eyewear, Inc  
Address: 11900 Biscayne Bl, Suite 630 North Miami,  
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Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Refractive Power and Prismatic power for plano lenses — Clause 5.2/ EN ISO 18526-1:2020 Clause 6.1&6.2

Sample No.			1#		2#		3#		Result
Test Items			Left	Right	Left	Right	Left	Right	
Refractive powers (D)	Spherical power		0.02	0.07	0.03	0.07	0.02	0.06	P
	Cylindrical power		0.00	0.00	0.00	0.00	0.00	0.00	P
Maximum difference between the measured spherical powers of the right and left lenses  F <sub>R</sub> – F <sub>L</sub>			0.05		0.04		0.04		P
Prism imbalance (Δ)	Horizontal	Base Out	0.00		--		0.01		P
		Base In	--		0.02		--		
	Vertical		0.06		0.04		0.03		P

#### Requirements:

2. The spherical power, cylindrical power and prism diopter shall not exceed the tolerances.

Products	Spherical power	Cylindrical power	$ F_R - F_L $	Horizontal prism diopters( $\Delta$ )		Vertical prism diopters ( $\Delta$ )
				Base out prism diopters	Base in prism diopters	
eye shields, face shields, spectacles, goggles	$\pm 0.12$	$\leq 0.12$	$\leq 0.18$	$\leq 1.00$	$\leq 0.25$	$\leq 0.25$

Measurement Uncertainty (if necessary):

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Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Detection of signal lights — Clause 6.1 /EN ISO 18526-2:2020 Clause 11

Sample NO.		1#		2#		3#		Result
Test Items		Left	Right	Left	Right	Left	Right	
Luminous transmittance $\tau$ (475-650nm) (%)		6.43	6.35	6.33	6.16	5.94	6.29	P
Relative visual attenuation coefficient, Q	Red	1.28	1.18	1.18	1.19	1.03	1.17	P
	Yellow	0.90	0.87	0.87	0.87	0.81	0.86	
	Green	0.97	1.00	1.00	1.00	1.06	1.01	
	Blue	1.60	1.59	1.61	1.60	1.64	1.61	
Requirements:								
3. Between 475 nm and 650 nm, the spectral transmittance shall be not less than 0,20 $\tau$ v;								
4. The relative visual attenuation coefficient, Q, for red, yellow, green and blue signal lights shall be not less than 0.80.								

Measurement Uncertainty (if necessary):

\*\*\*\*\* Page 23 of 34 \*\*\*\*\*

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Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Sunglare filters for occupational use — 6.3.3/EN ISO 18526-2:2020 Clause6&7&8

Sample No.		1#		2#		3#		Results
Test Items		Left	Right	Left	Right	Left	Right	
Luminous Transmittance (%)	$\tau_{v, D65}(380nm \sim 780nm)$	10.94	10.73	11.15	10.65	11.43	11.13	P
Wavelength range from 280 nm to 400 nm (%)	$\tau_{SUVB}(280nm \leq \lambda \leq 315nm)$	0.06	0.06	0.06	0.07	0.06	0.06	P
	$\tau_{SUVA}(315nm < \lambda \leq 380nm)$	0.03	0.03	0.03	0.03	0.03	0.03	P
	$\tau_{m380-400}(380nm < \lambda \leq 400nm)$	0.01	0.01	0.01	0.01	0.01	0.01	P

#### Requirements:

Transmittance requirements for sunglare filters for occupational use.

Scale number	Maximum solar UV-B transmittance $\tau_{SUVB}$ (280~315nm) (%)	Maximum solar UV-A transmittance $\tau_{SUVA}$ (315~380nm) (%)	Maximum mean 380nm to 400nm transmittance $\tau_{m380-400}$ (380~400nm) (%)	Luminous transmittance $\tau_{v, D65}$ (380~780nm) (%)	Maximum solar IR transmittance $\tau_{SIR}$ (780~2000nm) (%)
G0	0.03 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	0.75 $\tau_{v, D65}$	$100 > \tau_{v, D65} \geq 80$	$\tau_{v, D65}$
G1	0.03 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	0.75 $\tau_{v, D65}$	$80 > \tau_{v, D65} \geq 43$	$\tau_{v, D65}$
G2	0.03 $\tau_{v, D65}$	0.25 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	$43 > \tau_{v, D65} \geq 18$	$\tau_{v, D65}$
G3	0.03 $\tau_{v, D65}$	0.25 $\tau_{v, D65}$	0.5 $\tau_{v, D65}$	$18 > \tau_{v, D65} \geq 8$	$\tau_{v, D65}$
G4	0.03 $\tau_{v, D65}$	0.5 % absolute or 0.125 $\tau_{v, D65}$ whichever is greater	0.5 % absolute or 0.125 $\tau_{v, D65}$ whichever is greater	$8 > \tau_{v, D65} \geq 3$	$\tau_{v, D65}$

Measurement Uncertainty (if necessary):

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Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Polarizing filters—Clause 6.3.3.4.2/EN ISO 18526-2:2020 Clause 15.1

Sample No.	1#			
Test Items	Requirements	Left	Right	Result
Degree of polarizing Filters (°)	The direction of the intended horizontal orientation of the filter does not deviate from the horizontal direction by more than ±5°	-0.68	-1.47	P
	The misalignment the planes of transmission of the left and right filters shall not be greater than 6°	0.79		
The polarization efficiency (%)	For category GL1 : >60% For category GL2, GL3, GL4 : >78%	84.91	82.31	P

Measurement Uncertainty (if necessary):

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### TEST RESULTS

Uniformity of luminous transmittance and transmittance matching —Clause 6.4/  
EN ISO 18526-2:2020 Clause 7.4&7.5

Sample No.		1#		2#		3#		Result
Test Items		Left	Right	Left	Right	Left	Right	
Relative variations of the luminous transmittance around the reference point,ΔF <sub>R</sub> and ΔF <sub>L</sub> , (%)	$\tau_v$ max	11.27	11.40	11.17	11.18	11.75	11.66	P
	$\tau_v$ min	10.77	10.73	11.10	10.65	10.95	11.13	
	ΔF	4.4	5.9	0.6	4.7	6.8	4.5	
Relative difference of the luminous transmittance ΔP between the right and left eye reference points (%)	$\tau_v$	10.94	10.73	11.15	10.65	11.43	11.13	P
	ΔP	1.9		4.5		2.6		

Requirements:

Variations in mean luminous transmittance for filters

luminous transmittance $380 \text{ nm} \leq \lambda \leq 780 \text{ nm}$ , %	Maximum value of $\Delta F_R$ and $\Delta F_L$ , %	Maximum value of $\Delta P$ , %
$100 > \tau_v \geq 17.8$	10	15
$17.8 > \tau_v \geq 0.44$	20	15
$0.44 > \tau_v \geq 0.023$	30	20
$0.023 > \tau_v \geq 0.0012$	40	20
$0.0012 > \tau_v \geq 0.00023$	60	20

Note:

3. Calculate the values of  $\Delta F_R$  and  $\Delta F_L$  as a percentage, for the right (R) and left (L) scanned areas from the following:

$$\Delta F_R = 100 \times \frac{(\tau_{v,max,R} - \tau_{v,min,R})}{\tau_{v,max,R}} \quad \Delta F_L = 100 \times \frac{(\tau_{v,max,L} - \tau_{v,min,L})}{\tau_{v,max,L}}$$

4. Express this ratio  $\Delta P$  as a percentage as given in:

$$\Delta P = 100 \times \frac{|\tau_{v,R} - \tau_{v,L}|}{\max(\tau_{v,R}, \tau_{v,L})}$$

Measurement Uncertainty (if necessary):

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SZ-FAF-001 (2024-02-04)



## TEST REPORT

Applicant: Innovative Eyewear, Inc  
Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Scattered light —Clause 6.5/ EN ISO 18526-2:2020 Clause 14.1

Sample No.	Wide angle scatter (%)		Result
	Left	Right	
4#	0.4	0.4	P
5#	0.4	0.5	P
6#	0.5	0.4	P

Requirements:  
The percentage value of wide angle scatter shall not exceed 3,0 %.

Measurement Uncertainty (if necessary):

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## TEST REPORT

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Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Frame transmittance—Clause 6.6

Sample No.		1#		2#		3#		Results
Test Items		Left	Right	Left	Right	Left	Right	
Scale number declared		G3	G3	G3	G3	G3	G3	P
Wavelength range from 280 nm to 400 nm (%)	$\tau_{SUVB}$ (280nm $\leq \lambda \leq$ 315nm)	0.06	0.06	0.06	0.06	0.06	0.06	P
	$\tau_{SUVA}$ (315nm $< \lambda \leq$ 380nm)	0.03	0.03	0.03	0.03	0.03	0.03	P
	$\tau_{m380-400}$ (380nm $< \lambda \leq$ 400nm)	0.01	0.01	0.01	0.01	0.01	0.01	P

Requirements:

Transmittance requirements for sunglare filters for occupational use.

Scale number	Maximum solar UV-B transmittance $\tau_{SUVB}$ (280~315nm) (%)	Maximum solar UV-A transmittance $\tau_{SUVA}$ (315~380nm) (%)	Maximum mean 380nm to 400nm transmittance $\tau_{m380-400}$ (380~400nm) (%)	Luminous transmittance $\tau_{v, D65}$ (380-780nm) (%)	Maximum solar IR transmittance $\tau_{SIR}$ (780~2000nm) (%)
G0	0.03 $\tau_{D65}$	0.5 $\tau_{D65}$	0.75 $\tau_{D65}$	$100 > \tau_{D65} \geq 80$	$\tau_{D65}$
G1	0.03 $\tau_{D65}$	0.5 $\tau_{D65}$	0.75 $\tau_{D65}$	$80 > \tau_{D65} \geq 43$	$\tau_{D65}$
G2	0.03 $\tau_{D65}$	0.25 $\tau_{D65}$	0.5 $\tau_{D65}$	$43 > \tau_{D65} \geq 18$	$\tau_{D65}$
G3	0.03 $\tau_{D65}$	0.25 $\tau_{D65}$	0.5 $\tau_{D65}$	$18 > \tau_{D65} \geq 8$	$\tau_{D65}$
G4	0.03 $\tau_{D65}$	0.5 % absolute or 0.125 $\tau_{D65}$ whichever is greater	0.5 % absolute or 0.125 $\tau_{D65}$ whichever is greater	$8 > \tau_{D65} \geq 3$	$\tau_{D65}$

a) the luminous transmittance of the frame shall not exceed the value corresponding to the darkest filter stated to be usable by the manufacturer;

b) the spectral requirements corresponding to the luminous transmittance of the darkest filter stated to be usable by the manufacturer shall be satisfied.

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SZ-FAF-001 (2024-02-04)

## TEST REPORT

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Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

Area to be protected by eye protectors —Clause 7.1.2/ EN ISO 18526-4:2020 Clause 4 and  
EN ISO 18526-3:2020 Clause 6.3&6.4

Sample NO.	Impact level	Area to be protected by eye protectors		Result
		Meet	No meet	
4#	Basic impact level	✓		P
Requirements: 4. The eye protector (combined lens and/or frame) shall cover the minimum area to be protected for the Basic impact level. 5. Impact level C or D is claimed, the minimum area to be protected for eye protectors shall protect, by means of the lens and/or frame, the orbital or extended orbital protection zone. 6. The protection against droplets or streams of liquids is claimed, the minimum area to be protected for spectacles, goggles and eye shields shall protect, by means of the lens and/or frame, the extended orbital protection zone.				

Quality of material and surface —Clause 7.3/EN ISO 18526-3:2020 Clause 6.6

Sample NO.	Defects		Comment	Result
	Observed	Absent		
1#		✓	--	P
2#		✓	--	P
3#		✓	--	P
4#		✓	--	P
5#		✓	--	P
6#		✓	--	P
Requirements: In a circular area 30 mm diameter center on the reference point(s) but excluding a marginal area 5 mm wide around the edge of the lens, visor or filter if this overlaps with the circular area, lenses, visors or filters shall be free from defects likely to impair vision in use (such as bubbles, scratches, inclusions, dull spots, pitting, mould marks, scouring, grains, pocking, scaling and undulation).				

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SZ-FAF-001 (2024-02-04)

## TEST REPORT

Applicant: Innovative Eyewear, Inc  
Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Basic impact level —Clause 7.4/ ISO 18526-3:2020 Clause 7.3.1

Sample NO.	Test temperature	*Impact Position	Defects		Comment	Result
			Observed	Absent		
7#	55°C±2°C	a		✓		P
8#		b		✓		P
9#		c		✓		P
10#		d		✓		P
11#	-5°C±2°C	a		✓		P
12#		b		✓		P
13#		c		✓		P
14#		d		✓		P

#### Requirements:

2. The following defects of the lens, filter, protector housing or frame shall not be allowed:
    - 7) cracking through the entire thickness into two or more pieces;
    - 8) the protector separates into two or more pieces;
    - 9) the lens or filter has become dislodged from its normal position;
    - 10) material becomes detached from the surface opposite to that impacted;
    - 11) the ball passes through the protector; or
    - 12) an indication that there has been contact of the ball or the protector with the eye of the test headform.
- \*Note: The four impact points:  
a) the left eye, frontal; b) the right eye, frontal; c) the left eye, lateral; d) the right eye, lateral.

#### Resistance to thermal exposure —Clause 7.5/ EN ISO 18526-3:2020 Clause 6.7

Sample NO.	Defects		Comment	Result
	Observed	Absent		
15#		✓	--	P
16#		✓	--	P
17#		✓	--	P

#### Requirements:

No deformation of any part of the protector shall be observed.

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SZ-FAF-001 (2024-02-04)

## TEST REPORT

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Address: 11900 Biscayne Bl, Suite 630 North Miami,  
FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Resistance to UV radiation —Clause 7.6 /EN ISO 18526-3:2020,6.8.3

Sample NO.		1#		2#		Result
Test Items		Left	Right	Left	Right	
Relative change in luminous transmittance (%)	Luminous Transmittance (Initial) (%)	10.94	10.73	11.15	10.65	P
	Luminous Transmittance (After exposure) (%)	11.12	10.90	11.23	10.74	
	Relative change (%)	1.6	1.6	0.7	0.8	
Wavelength range from 280 nm to 400 nm (%)	$\tau_{\text{SUVB}} (280\text{nm} \leq \lambda \leq 315\text{nm})$	0.06	0.06	0.06	0.07	
	$\tau_{\text{SUVA}} (315\text{nm} < \lambda \leq 380\text{nm})$	0.03	0.03	0.03	0.03	
	$\tau_{\text{m380-400}} (380\text{nm} < \lambda \leq 400\text{nm})$	0.01	0.01	0.01	0.01	
Wide angle scatter (%)		0.4	0.5	0.4	0.5	P

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FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

Requirement:					
4. The relative change of luminous transmittance shall not be greater than the values.					
Initial luminous transmittance $\tau_v$ (380 nm $\leq \lambda \leq$ 780 nm), %			Permissible relative change in luminous transmittance for lenses without deliberate filtering effect, UV protective, IR protective and sunglare filters, %		
100 > $\tau_v \geq 17,8$			$\pm 5$		
17,8 > $\tau_v \geq 0,44$			$\pm 10$		
0,44 > $\tau_v \geq 0,023$			$\pm 15$		
0,023 > $\tau_v \geq 0,001\ 2$			$\pm 20$		
0,001\ 2 > $\tau_v \geq 0,000\ 023$			$\pm 30$		
5. The value of wide angle scatter shall not exceed 3 %;					
6. Any applicable UV and/or IR requirements for the initial $\tau_v$ shall continue to be satisfied.					
Scale number	Maximum solar UV-B transmittance $\tau_{SUVB}$ (280~315nm) (%)	Maximum solar UV-A transmittance $\tau_{SUVA}$ (315~380nm) (%)	Maximum mean 380nm to 400nm transmittance $\tau_{m380-400}$ (380~400nm) (%)	Luminous transmittance $\tau_{v\ D65}$ (380-780nm) (%)	Maximum solar IR transmittance $\tau_{SIR}$ (780~2000nm) (%)
G0	0.03 $\tau_{v\ D65}$	0.5 $\tau_{v\ D65}$	0.75 $\tau_{v\ D65}$	100 > $\tau_{v\ D65} \geq 80$	$\tau_{v\ D65}$
G1	0.03 $\tau_{v\ D65}$	0.5 $\tau_{v\ D65}$	0.75 $\tau_{v\ D65}$	80 > $\tau_{v\ D65} \geq 43$	$\tau_{v\ D65}$
G2	0.03 $\tau_{v\ D65}$	0.25 $\tau_{v\ D65}$	0.5 $\tau_{v\ D65}$	43 > $\tau_{v\ D65} \geq 18$	$\tau_{v\ D65}$
G3	0.03 $\tau_{v\ D65}$	0.25 $\tau_{v\ D65}$	0.5 $\tau_{v\ D65}$	18 > $\tau_{v\ D65} \geq 8$	$\tau_{v\ D65}$
G4	0,03 $\tau_{v\ D65}$	0.5 % absolute or 0.125 $\tau_{v\ D65}$ whichever is greater	0.5 % absolute or 0.125 $\tau_{v\ D65}$ whichever is greater	8 > $\tau_{v\ D65} \geq 3$	$\tau_{v\ D65}$

Measurement Uncertainty (if necessary):

### Corrosion Resistance of Metal Test — Clause 7.7

Sample No.	After 24 hours of test		Comment	Result
	Meet	No Meet		
2#	✓		--	P
Requirements: The intended use of all exposed metal parts of the protector shall not be affected. No metallic part that would come into direct contact with the user during intended use shall show signs of corrosion.				

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SZ-FAF-001 (2024-02-04)

## TEST REPORT

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FL 33181, USA

Report No: 1002809139  
Date: October 17, 2025

### TEST RESULTS

#### Resistance to ignition —Clause 7.8/EN ISO 18526-3:2020 Clause 6.10

Sample NO.	Continued combustion		Comment	Result
	Yes	No		
18#		✓	--	P
19#		✓	--	P

#### Requirements:

All exterior parts of protectors that are exposed (excluding headbands) shall not ignite or continue to glow after removal of the heated rod.

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### TEST RESULTS

#### Markings — Clause 8&9/EN ISO 18526-3:2020 Clause 8

Observed Result		Comment	Result
Meet	No meet		
✓		--	P

#### Requirements:

##### 3. General

- 4) All markings should be clear and sufficiently durable to remain legible throughout the intended lifetime of the protector.
- 5) The marking shall not encroach into the minimum field of view. If the lenses or filters and frame front form a single unit, the complete marking shall be applied to at least one of the frame front or one of the lenses or filters.
- 6) For protectors that claim compliance with this document, the marking shall show only those aspects from those listed in Table that have been proved by testing.

Code numbers for marking of protectors	Requirements
16321	Basic use
1	Enhanced optical performance (marking optional)
3	Droplets
4	Large dust particles
5	Gas and fine dust particles
6	Streams of liquid
7	Radiant heat
9	Molten metals and hot solids
CH	Chemical resistance
K	Surface damage by fine particles
N	Resistance to fogging
C	Impact level C (45 m/s)
D	Impact level D (80 m/s)
E	Impact level E (120 m/s)
HM	Impact level HM
CT	Impact level C (45 m/s) at extremes of temperature
DT	Impact level D (80 m/s) at extremes of temperature
ET	Impact level E (120 m/s) at extremes of temperature
HMT	Impact level HM at extremes of temperature

##### 4. Mandatory markings on lenses/filters

- 2) For lenses or filters the sequence of markings shall be:
  - f) manufacturer's identifying mark or manufacturer's trade mark;
  - g) filtering performance code letter (U, R, GL, GLR, SF, etc.), if applicable;
  - h) enhanced infrared absorption or reflection if applicable;
  - i) shade number(s), if applicable;
  - j) impact level;

\*\*\*\*\* THE END \*\*\*\*\*

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- Verification Services.** The UL Contracting Party ("we", "us", or "our" as the context requires) will perform commercial testing, verification, audit, assessment, inspection, and/or other services ("Services") in accordance with your instructions as described in this order, scope of work, project proposal, quotation, or order acknowledgment ("Quotation"). The Services will be limited to an assessment of your samples' conformity to requirements, specifications, and/or protocols you have established ("Your Requirements"), and do not express any opinion regarding the bulk from which the samples were drawn. The Services do not involve any assessment or evaluation to independent safety standards, and we and our affiliates have no responsibility to make any independent safety assessment of any samples.
- Retailer Programs.** If you request us to test compliance with retailer, carrier or other third party program ("Retailer") by requesting Services under the Retailer's program, you consent to our disclosure of all associated information, materials, and deliverables to such Retailer and acknowledge that, notwithstanding any terms to the contrary in these Terms and Conditions, the ownership of the deliverables for the Services will be in accordance with the Retailer's program.
- Payment Terms.** You will pay, without set off, our fees and related expenses in accordance with our then current pricing or as set out on the Quotation including the cost of all taxes, wire or transfer fees, duties, and other fiscal charges which become due on the quoted price and will indemnify us from and against liabilities, incurred as a result of failure to pay any such sums when they become due. We may charge interest at 1% per month (12% per year), or the maximum legal rate if less than 1.0% per month, from the due date until paid fully. You agree to pay reasonable collection costs, including attorneys' fees, if necessary, in the event of late or non-payment.
- Your Requirements.** You are responsible for establishing or selecting all Your Requirements that we will use in performing the Services. We may provide you with assistance in developing Your Requirements that meet your needs, however, in all cases you must review and approve Your Requirements to be used in performing the Services.
- Estimated Schedule and Price.** Any time schedule and pricing terms set forth in this Quotation are estimates only and subject to change upon reasonable notice from us depending upon the specific project.
- On-Site Investigations.** If we perform Services on site at your facilities, or at the facilities of other parties as directed by you; you will ensure that our representatives have safe, secure, and free access to the facilities. Our access will not be conditioned upon the execution of any agreement, waiver, or release. If our representatives are prevented from performing or completing any Services for any reason beyond our reasonable control, we will not be responsible for the nonperformance, and you may be charged for any actual expenses we incur and fees for Services performed.
- Deliverables.** We will provide you with a report outlining: (i) your instructions and request for Services accepted by us, (ii) Your Requirements used in providing the Services, (iii) the Services performed, and (iv) the results of those Services. We are under no obligation to refer to or report on any facts or circumstances which are outside your specific instructions received and accepted by us.
- Our Findings.** We do not guarantee that our opinions or findings will be recognized or accepted by third parties.
- Use of Names and Marks.** Except as otherwise authorized by us in writing, you will not use our name, abbreviation, symbols, marks, or the name of any of our subsidiaries, affiliates, or parent on any goods or their containers or packaging, or in connection with any advertising, promotions, or otherwise.
- Cancellation Fees.** If you cancel or change a Quotation: (i) for an inspection after 3:00 PM of the working day before the scheduled inspection date, we will charge you the Quotation price plus any travel costs incurred before the cancellation; (ii) for testing after we receive the sample(s) at the testing facility, we will charge you cancellation fees according to the amount of actual work performed with a minimum cancellation fee of \$100 USD; or (iii) for a scheduled audit date, you will be responsible for all incurred non-refundable travel costs associated with that audit. Any change or cancellation of an audit that occurs within 7 days of the scheduled audit will be charged a \$600 USD fee in addition to any incurred travel costs.
- No Warranty.** NO REPRESENTATION, WARRANTY, OR GUARANTEE, EXPRESS OR IMPLIED, IS INCLUDED IN THESE TERMS AND CONDITIONS, OR IN ANY QUOTATION, REPORT, OR OTHER DOCUMENT PROVIDED UNDER THESE TERMS AND CONDITIONS INCLUDING, BUT NOT LIMITED TO: (i) ANY "IMPLIED WARRANTY OF MERCHANTABILITY" OR "FITNESS FOR A PARTICULAR PURPOSE", (ii) NON-INFRINGEMENT, AND (iii) THAT THE WEB SERVICES (AS DEFINED BELOW) WILL BE UNINTERRUPTED, TIMELY, SECURE, OR ERROR-FREE.
- Your Information.** You represent and warrant that all information and data provided to us by you, or on your behalf ("Your Information"), is complete and accurate and may be relied upon to provide Services. In addition, you represent and warrant that all of Your Information is owned or licensed by you, and does not infringe on the intellectual property rights of any third party. If any information or data provided to us by you or on your behalf is either incomplete or inaccurate, we will not be liable in any manner for any deficiencies in the Services.
- Ownership of Work Product.** You will own the test reports or other materials provided to you pursuant to any Quotation. We may retain a copy of the test reports and other materials for our archives and for creating reports for you and third parties, as required by you.
- Web Services.** We may provide you with certain website tools and related services, including the ability to order services online through a website (collectively, the "Web Services"). The Web Services are provided to you as a convenience and are provided on an "as is, as available" basis. By using the Web Services, you acknowledge and agree that no data or content transmitted over our networks, the Internet, or wirelessly, or through or in connection with the Web Services, is guaranteed to be secure or free from unauthorized intrusion, and that data stored by us, our affiliates, or our service providers may be deleted, modified, or damaged. You acknowledge that if you wish to protect your transmission of data or files to us, it is your responsibility to use a secure encrypted connection to communicate with and use the Web Services. Your use of the Web Services is at your sole risk and is subject to any terms of use applicable to such Web Services. Web Services are included in the definition of Services above.
- Confidentiality.** We will not disclose your information obtained in confidence ("Confidential Information") to third parties, except our subsidiaries, affiliates, or subcontractors, without your prior written authorization. Confidential Information will not include information: (a) already known to us, (b) publicly available, (c) subsequently acquired by us from other sources without a breach of these Terms and Conditions, (d) disclosure that is necessary to perform the Services, (e) required to be produced by law or government order, or accreditation authority, or (f) related to a product bearing a UL Mark that should be disclosed to us or our affiliates pursuant to another agreement with you.
- Samples.** If we require sample examination, you will ship samples to us at your expense. Upon completion of testing, the samples will be destroyed, unless other arrangements are made for return of the samples at your expense. You acknowledge that testing and sample preparation may damage or destroy the sample(s), for which we will not be liable.
- LIMITATION OF LIABILITY.** OUR LIABILITY FOR ANY CLAIMS FOR LOSS, DAMAGE, OR EXPENSE OF ANY NATURE AND HOWSOEVER ARISING INCLUDING WITHOUT LIMITATION CLAIMS FOR ANY BREACH OF CONTRACT AND/OR ANY FAILURE TO EXERCISE APPROPRIATE SKILL AND CARE BY US WILL UNDER NO CIRCUMSTANCE EXCEED THE FEES RECEIVED FOR THE SPECIFIC SERVICES WHICH GIVE RISE TO SUCH CLAIMS. UNDER NO CIRCUMSTANCE WILL WE HAVE ANY LIABILITY FOR ANY CLAIMS FOR INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES OF ANY NATURE WHATSOEVER, INCLUDING BUT NOT LIMITED TO: LOSS OF PROFITS, GOODWILL, USE, DATA, FUTURE BUSINESS, OR PRODUCTION; CANCELLATION OF CONTRACTS ENTERED INTO BY YOU; OR OTHER INTANGIBLE LOSSES (EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES). UNDER NO CIRCUMSTANCE WILL WE BE LIABLE TO YOU FOR ANY CLAIMS FOR LOSS, DAMAGE, OR EXPENSE UNLESS SUCH CLAIM IS BROUGHT UNDER SECTION 25 (DISPUTES) WITHIN TWELVE MONTHS AFTER THE DATE OF THE PERFORMANCE BY US OF THE SERVICES WHICH GIVE RISE TO THE CLAIM OR, IN THE EVENT OF ANY ALLEGED NON-PERFORMANCE, WITHIN TWELVE MONTHS OF THE DATE WHEN SUCH SERVICES SHOULD HAVE BEEN COMPLETED.
- Indemnification.** You will defend, hold harmless, and indemnify us and our officers, directors, trustees, employees, agents, or subcontractors against all claims made by any third party for loss, damage, or expense arising out of these Terms and Conditions, including without limitation, the performance or non-performance of any Services or the Web Services.
- Waiver.** Any failure by a party to insist upon the performance of any section of these Terms and Conditions will not constitute a waiver of any rights under these Terms and Conditions or future performance of that section.
- No Third Party Beneficiaries.** The parties intend that no provisions of these Terms and Conditions will in any way bind or benefit any third party or the public at large and that no third party will have any rights or cause of action under these Terms and Conditions. In particular, in the event Singapore law governs these Terms and Conditions pursuant to Section 24 (Governing Law), a person or entity who is not a party to these Terms and Conditions will have no right under the Contracts (Rights of Third Parties) Act (Chapter 53B) to enforce any term of these Terms and Conditions, regardless of whether such person or entity has been identified by name, as a member of a class, or as answering a particular description.
- No Assignment.** Neither party may assign any of its rights or obligations under these Terms and Conditions to any other person without the other party's written authorization. However, we may, upon written notice, assign our rights and obligations under these Terms and Conditions to any of our affiliates or subsidiaries.
- Subcontracting.** We may use subcontractors for certain testing or other Services. All subcontractors will meet our current qualification requirements and will comply with our requirements for confidentiality, conflicts of interest, and ethical standards.
- Termination and Notice.** These Terms and Conditions will continue in effect until terminated by either party upon thirty days written notice or, in the event of your breach of these Terms and Conditions, immediately upon receipt of written notice to you. You will pay those fees and expenses incurred by us prior to termination. Notice to either party may be made by hand delivery, courier service, mail, facsimile, or e-mail transmission at the receiving party's designated principal place of business. Notice to us must be sent both to: UL Verification Services Pte. Ltd, Attn: President, 1 Maritime Square, Harbour Front Centre, #11-03, Singapore 099253 with a copy to UL LLC, Attn.: General Counsel at 333 Pfingsten Road, Northbrook, Illinois 60062. Notice will be effective upon receipt.
- Governing Law:** These Terms and Conditions will be governed and interpreted by the laws of the State of Illinois, United States of America, except if: (i) UL Contracting Party's principal place of business is Asia, Australia, or New Zealand, then Singapore law, and (ii) UL Contracting Party's principal place of business is Europe, then Swiss law, without reference to the applicable jurisdiction's choice of law principles.
- Disputes.** Any dispute or disagreement, other than nonpayment of fees, relating to these Terms and Conditions or the Services, will be settled by confidential, binding arbitration administered by the International Centre for Dispute Resolution of the American Arbitration Association ("AAA") pursuant to the AAA Commercial Arbitration Rules and the Procedures for Large, Complex Commercial Disputes. The arbitration venue will be Chicago, Illinois, except if: (i) UL Contracting Party's principal place of business is in Europe, the venue will be Geneva, Switzerland, and (ii) UL Contracting Party's principal place of business is in Asia, Australia, or New Zealand, the venue will be Singapore, Republic of Singapore. The arbitration will be conducted before a panel of three (3) arbitrators. The arbitration panel will be selected as follows: the parties will request a list of ten (10) arbitrators drawn from the AAA's panel of commercial arbitrators (who are experienced in and familiar with the AAA's Procedures for Large, Complex Commercial Disputes). From this list, both parties will each choose one arbitrator. After they have been notified of their panel selection, the two (2) arbitrators will agree on a third arbitrator from the list of ten (10), who will be the chair of the panel, and the panel will be final. The decision of the majority of the arbitrators will be the panel's decision. The arbitrators will not have the authority to add, change, or disregard any term of these Terms and Conditions to award incidental, consequential, or punitive damages (including, but not limited to, loss of use, unjust enrichment, and/or lost profits), or exceed the remedies provided by the limitation of liability of these Terms and Conditions. The panel's decision will be binding and judgment on the arbitration award may be entered by a court of competent jurisdiction. Arbitration will be the final remedy for any dispute between the parties arising out of these Terms and Conditions, provided, however, that nothing herein will prevent either party from seeking a court order for injunctive relief (in addition to other remedies) to stop or prevent misuse or misappropriation of its marks, confidential or proprietary information, or infringement of its intellectual property, in a court of law. All arbitrations will be conducted in English.
- Severability.** If any section of these Terms and Conditions is held invalid, void, or unenforceable for any reason that section will be severed, and all other sections of these Terms and Conditions will remain valid to the extent permissible under law.
- Modifications.** These Terms and Conditions are the entire and complete agreement between the parties and supersede any other communications, representations, or agreements with respect to its subject matter. Under no circumstances will any preprinted, additional, or different terms and conditions on your requests for quotation, purchase orders, invoices, sales or marketing materials, emails, any acceptance communications, or other business documents apply to any Services or Quotation or bind us in any manner. Modifications that have not been made by us or that have not been accepted by us in a written or emailed confirmation from us are not accepted by us, and commencement of performance will not signify acceptance by us of any such modifications. Any such modifications are excluded from our agreement, and such modifications will not be a binding agreement on us.
- Order of Precedence.** Except for conflicts with Section 3 (Payment Terms), Section 5 (Estimated Schedule and Price) and Section 10 (Cancellation Fees), these Terms and Conditions will take precedence over any conflicting terms in any Quotation.
- Electronic Signature.** These Terms and Conditions may be executed and delivered by facsimile, PDF, or by means of other electronic signature. Our electronic, digital, or hard copies of these Terms and Conditions, your acceptance, and Quotations as signed, or otherwise accepted, by you will be the true, complete, valid, authentic, and enforceable copies of these documents. You agree that you will not contest the admissibility or enforceability of our copies in a court or any proceeding arising out of such documents.
- Force Majeure.** Neither party will be liable for any failure or delay in the performance of its obligations due to fire, flood, earthquake, governmental actions, epidemics, elements of nature, or acts of God, acts of war, terrorism, riots, civil disorder, rebellions, or other similar cause beyond the reasonable control of the party affected, provided such default or delay: (i) could not have been prevented by reasonable precautions; (ii) cannot reasonably be circumvented; (iii) and the party hindered or delayed immediately notifies the other party describing the circumstance causing delay.