

WSSG04FF



Features

- Clear impact goggle
- Indirect ventilation
- Fits over most prescription glasses
- Frame: PVC
- Lens: Polycarbonate
- Ventilation Caps: HDPE & EVA
- Forehead Pins: LDPE
- Lens Coating: Fog Free
- Strap: White polyester textured yarn over rubber thread
- ANSI Z87.1-15 / CSA Z94.3-15
- 24 Pair/Box, 288 Pair/Case

Applications

- Construction
- Manufacturing
- Health care
- Laboratory facility
- Food Processing & Handling
- Janitorial and Sanitation



WSSG04FF TEST REPORT

CH1018D

Part Number 328 01D-WSSG04FF
Part Name Goggle
Date 2025/8/11
Requested By Wayne Safety
Reason for Test Random Test
P.O. 000433
Lot # AUG 2025

Lab Test Number 001/25
Item Indirectvent goggle (Clear)
Specification(s) no. ANSI Z87.1-15 / CSA Z94.3-15
Coating Anti-Fog
Elastic Headband 11 Inches
Technician Wu Shu Ting
Environment of Temperature 23 °C

Type of Test(s) :

	ANSI Z87.1-15	CSA Z94.3-15	Requirement	Test Data				Results			
				#1		#2		#3		#4	
				L	R	L	R	L	R	L	R
Optical quality	5.1.1		Lens free of defects which would impair wearer's vision	Pass		Pass		Pass		Pass	
Physical req.	5.2		Protector free from defects which are likely to cause discomfort or injury during use	Pass		Pass		Pass		Pass	
High Mass Impact	6.2.2		17.6 oz from 50"	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
High Velocity Impact	6.2.3		0° (L & R) 30° (L & R) 90° (L & R)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
250 fps / 76.2 mps			90° 10mm High (L & R) (H - 8mm)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Steel ball dia.			90° 10mm Low (L & R) (H - 8mm)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
0.25" (6.35mm)			1.56 oz from 50"	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Penetration Test	6.2.4			Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Prismatic Power	5.1.4		Complete prism 0.25D Max in any directions	0.053		0.018		0.045		0.018	
Prism Imbalance	5.1.4	6.4.4	0.125D max (CSA : 0.25D max)	0		0		0.025		0.025	
Vertical		Clear	0.125D max base in (CSA : 0.25D max base in)	0.025							
Horizontal		Power	0.5D max base out (CSA : 0.75D max base out)			0		0.038		0.025	
		lens	D1	0.00	0.00	+0.01	0.00	0.00	+0.01	0.00	0.00
			D2	+0.01	+0.01	+0.02	+0.01	+0.01	+0.02	+0.01	+0.01
Refractive Power	5.1.4	6.4.2.1	+/-0.06D max (CSA : clear zero power lens : +/-0.12D max)	+0.005	+0.005	+0.015	+0.005	+0.005	+0.015	+0.005	+0.005
Astigmatism	5.1.4		0.06D max	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Resolving power	5.1.4		Min Pattern 20 in both directions	20	20	20	20	20	20	20	20
Haze	5.1.3	6.4.5	3% max (clear lens only) 3M req. max 2% for all lenses	0.28	0.29	0.27	0.28	0.27	0.28	0.29	0.28
*Luminous Transmittance	5.1.2	6.4.6	Clear lens not less than 85%	90.2 P 90.3 P 90.3 P 90.4 P 90.1 P 90.3 P 90.2 P 90.4 P							
			Scale 'L' (refer to Table 9)								
			Tinted Special Purpose Lens								
			(refer to Table 10) LT 8-100%								
			L/R Ratio : 0.9 ≤ R ≤ 1.10	1.00		1.00		1.00		1.00	
			ANSI 2020 UV requirement	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Direct Vent	5.4.1.1		Openings exclude 1.5mm dia. spherical object	N/A		N/A		N/A		N/A	
		8.2	Prevent the entry of frigid rod 1.5mm in dia. (Class 2A compliance for CSA)								
Indirect Vent & Non Vent	5.4.1.2		No direct passage (D3 compliance)	Pass		Pass		Pass		Pass	
		8.3	Rigid rod 1.5mm in dia shall not touch the eyeball of headform (Class 2B compliance for CSA)								
Ignition test	5.2.2	6.2	protectors shall not ignite or continue to glow once the rod is removed	Pass		Pass		Pass		Pass	
Marking Req.	5.3	13.1	As per customer's requirement	Present		Present		Present		Present	
Coating adhesion (Wet & Dry)			Target rating : 5B	Pass		Pass		Pass		Pass	
Anti-Fog			No fogging within 2 min over steam	Pass		Pass		Pass		Pass	
Hard-coated			A5H pencil pushed against the surface without scraping the surface of coating	N/A		N/A		N/A		N/A	

CAN/CSA Z94.3-15		Requirements	#1		#2		#3		#4	
			L	R	L	R	L	R	L	R
Impact resistance	6.1.3.1	Bridge area : C	Pass		Pass		Pass		Pass	
Class 2 -		C (L & R)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
Indirect ventilated goggles		15mm temporally (L & R)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
46.5 mps		Side : 10mm behind corneal apex (L & R)	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

Test Disposition : ☒ Acceptable ☐ Non acceptable

Comments :

*Remarks (Luminous Transmittance) : P = Pass F = Fail SP = classified as special-purpose lenses

QC:



Approved By :

