



Test Report # T19572-01-1 Issue 1
ANSI/ISEA Z89.1-14 (R2019)

Cortina NV

Safety Jogger AJUSCO CHINSTRAP – Industrial Safety Helmets

10 January 2025



Approved by:

A handwritten signature in black ink, appearing to read "Jagdish Sookhdeo".

Jagdish Sookhdeo
Head Protection, Hand Protection &
Athletic Equipment - Laboratory Manager

Prepared by:

A handwritten signature in black ink, appearing to read "Shelley Brady".

Shelley Brady
Head Protection & Athletic Equipment -
Laboratory Administrator

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 Meersbloem-Melden 42, 9700
 Oudenaarde, Belgium

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Objective:

Contract testing to ANSI/ISEA Z89.1-2014 (R2019) “American National Standard for Industrial Head Protection”.

-Type I, Class C

Sample(s):

Safety Jogger AJUSCO CHINSTRAP - Industrial Safety Helmet

Description	Qty	Date Code	Material	Date Received	Sample ID
Red Shell (Front Brim Cap) w/ Ratchet Suspension (6-8 pt.), Vented w/ Chin Strap/Cup	10	4/24	-	25 November 2024	2A-x
Yellow Shell (Front Brim Cap) w/ Ratchet Suspension (6-8 pt.), Vented w/ Chin Strap/Cup	9				2B-x
White Shell (Front Brim Cap) w/ Ratchet Suspension (6-8 pt.), Vented w/ Chin Strap/Cup	5				2C-x
Blue Shell (Front Brim Cap) w/ Ratchet Suspension (6-8 pt.), Vented w/ Chin Strap/Cup	6				2D-x

Procedures:

Testing protocols in accord with good laboratory practice were employed unless otherwise specified, for all tests.

Testing procedures as specified within Section 10 of ANSI/ISEA Z89.1-2014 (R2019) were followed.

Testing was performed at room temperature 23°C ± 3°C (73.4°F ± 5.4°F) per ANSI/ISEA Z89.1 – 2014 (R2019).

Equipment:

Cadex Twin Wire Test Platform
 Environmental Conditioning Chambers
 Cadex Impact Software V6.9U

Assessment Summary:

Date Tested: 08 January 2025
 Test Performed By: Jagdesh Sookhdeo – Lab Manager

Requirements	Compliant	Non-Compliant
6 Instructions and Marking	Excluded	
7 Performance Requirements		
7.1 Requirements for Type I Helmets		
7.1.1 Flammability	X	
7.1.2 Force Transmission	X	
7.1.3 Apex Penetration	X	
7.3 Requirements for Optional Testing		
7.3.1 Reverse Wearing		
-Force Transmission		
7.3.2 High-Visibility	Not Applicable	
7.3.3 Higher Temperature		
7.3.4 Lower Temperature		

Samples as assessed meet the mechanical performance requirements of ANSI/ISEA Z89.1 2014 (R2019) for Type I, C.

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Results:

7.1.1 Flammability

Sample ID	Afterflame (sec)	Pass	Fail
2D-3	0	X	
Specification:	< 5		

7.1.2 Force Transmission

Sample ID	Conditioning (°C)	Velocity (m/s)	Force (N)	Specified Value (N)	Observations	Pass	Fail
2A-1	49 ± 2	5.52	3102	≤ 4450	-	X	
2A-2		5.52	3040		-	X	
2A-3		5.53	3016		-	X	
2B-1		5.50	2973		-	X	
2B-2		5.51	2975		-	X	
2B-3		5.50	3060		-	X	
2C-1		5.50	3146		-	X	
2C-2		5.49	3102		-	X	
2C-3		5.52	3104		-	X	
2D-1		5.52	2998		-	X	
2D-2		5.52	3080		-	X	
2D-3		5.47	3060		-	X	
Average			3055	≤ 3780		X	
2A-4	-18 ± 2	5.53	3635	≤ 4450	-	X	
2A-5		5.51	3496		-	X	
2A-6		5.50	3677		-	X	
2A-7		5.53	3712		-	X	
2B-4		5.52	3719		-	X	
2B-5		5.52	3331		-	X	
2B-6		5.51	3740		-	X	
2C-4		5.52	3636		-	X	
2C-5		5.51	3647		-	X	
2D-4		5.51	3614		-	X	
2D-5		5.53	3647		-	X	
2D-6		5.50	3678		-	X	
Average			3628	≤ 3780		X	
Specification:		5.50 ± 0.05					

Observations:
(-) No observation

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7.1.3 Apex Penetration

Sample ID	Conditioning (°C)	Velocity (m/s)	Electrical Contact (No / Yes)	Observations	Pass	Fail
2A-8	49 ± 2	7.0	No	-	X	
2A-9		7.0	No	-	X	
2B-7		7.0	No	-	X	
2A-10	-18 ± 2	7.0	No	-	X	
2B-8		7.0	No	-	X	
2B-9		7.0	No	-	X	
Specification:		7.0 ± 0.1	No Electrical Contact Allowed			

Observations:
(-) No observation

Sample Photographs:



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20. Standard Payment Terms: 30% Laboratory/Testing fees invoiced and payable upon acceptance of quotation. 15 days net. Any change to these terms requires written approval by the President, Executive Vice President, Counsel or Accounting Manager. ICS retains the right to require prepayment in full at any time.
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22. ICS hereby objects to any conflicting terms contained in any order, acceptance or other subsequent correspondence submitted by Client.
23. In the event that payment is not received within 15 days of invoice date, Client agrees to pay a late payment charge on the unpaid balance equal to 1-1/2% per month or the maximum charge allowed by law, whichever is less, and all costs and expenses, including attorney's fees where recovery of the same is not prohibited by law, incurred by ICS in collecting such invoices.
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