



Test Report T14801-01-1 Issue 1
ANSI/ISEA Z87.1-2020
Drop Ball Impact and Droplet and Splash (Faceshields)
Cadex Inc.
MED-CDX11 Direct Splash Protection Face Shield
05 June 2020



Approved by:

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Objective:

Contract testing to ANSI/ISEA Z87.1-2020 “American National Standard for Occupational and Educational Personal Eye and Face Protection Devices”.

Clause(s): 5.2.1 Drop Ball Impact Resistance
 7.3.2 Droplet and Splash Protector Requirements-Faceshields (D3)

Samples:

MED-CDX11 Direct Splash Protection Faceshields

Window	Quantity	Sample ID
Clear	6	1A

Date(s) submitted: 02 June 2020

Procedures:

Testing protocols in accord with good laboratory practice were employed for all tests.

All tests were conducted in a standard laboratory atmosphere unless otherwise specified.

Samples were randomly selected from the quantity provided and tested in the as-received condition unless otherwise stated.

Testing procedures as specified within Section 9 of ANSI/ISEA Z87.1-2020 were followed unless noted in results.

When applicable, samples were assessed on medium headform (64mm PD).

Assessment Summary:

Date(s) tested: 03 June 2020

ANSI/ISEA Z87.1-2020 Requirements	Compliant	Non-Compliant
5.2.1 Drop Ball Impact Resistance	X	
7.3.2 Droplet and Splash Protector Requirements-Faceshields (D3)	X	

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Results:

5.2.1 Drop Ball Impact Resistance

Sample ID	Location	Pass	Fail
1A-2	Left	X	
1A-3	Right	X	
1A-4	Left	X	
1A-5	Right	X	
Protector shall fail if any of the following occur: <ul style="list-style-type: none"> • lens (lens only) fractures • piece fully detached from the inner surface • projectile penetrates the inner surface • lens not retained 			

7.3.2 Droplet and Splash Protector Requirements-Faceshields

Sample ID	Position	Pass	Fail
1A-1	a) 45° Superior	X	
	b) 45° Inferior	X	
	c) 90° Left - 45° Superior	X	
	d) 90° Left - 45° Inferior	X	
	e) 90° Right - 45° Superior	X	
	f) 90° Right - 45° Inferior	X	
Requirement:	Cover the ABCD rectangle of the headform at the six defined positions		

Sample Photographs:



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9. Client is responsible for procuring, at its cost, insurance protecting the value of its property, extending to provided samples.
10. For the safety of our personnel, Client must advise if samples are known or suspected to contain hazardous substances. Safety Data Sheets must be provided upon request.
11. ICS represents that Services shall be performed according to terms and specification agreed to by Client, and in a manner consistent with good laboratory practice. No other Representations to client, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any other report or document related to the services. ICS does not guarantee product performance or compliance.
12. Schedules are confirmed upon acceptance of quotation. All reasonable efforts will be made to comply with provided timeline. Guarantees are neither implied nor promised.
13. Certain work may be subcontracted to ICS-approved laboratories as required or applicable. Client will be notified of this in advance.
14. Client agrees to pay any and all additional costs associated with unexpected or above-standard communications and/or consultations with Client or third parties as designated by Client.
15. Client agrees to pay any and all additional costs for work additional to the original scope of work as agreed to by Client.
16. Client understands and agrees that ICS, in entering into this Contract and by performing services hereunder, does not assume, abridge, abrogate or undertake to discharge any duty or responsibility of Client to any other party or parties. No one other than Client shall have any right to rely on any Report or other representation or conduct of ICS and ICS disclaims any obligations of any nature whatsoever with respect to such third parties.
17. For statements of conformity (pass/fail/"meets") regarding qualitative test results, ICS utilizes simple acceptance as its basis. For most statements of conformity relating to quantitative test results, the decision rule and associated uncertainty is inherent in the standard method. As such, simple acceptance is typically applied. Results on or near pass/fail thresholds or otherwise upon Client request or appeal will be evaluated with reference to the measurement uncertainty of relevant testing practices, equipment and other inputs/variables.
18. Client agrees, in consideration of ICS undertaking to perform the test(s) hereunder, to protect, defend and indemnify ICS from any and all claims, damages, expenses either direct or consequential for injuries to persons or property arising out of or in consequence of the performance of the testing, inspection and reporting hereunder and/or the performance of the products tested or inspected hereunder, unless caused by the negligence of ICS.
19. It is agreed that if ICS should be found liable for any losses or damages attributable to the services hereunder in any respect, its liability shall not exceed the amount of the fee paid by Client for services rendered and Client's sole remedy at law or in equity shall be the right to recover that sum.
20. Quotations are valid for 30 days from date of issue. Standard 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 or Accounting Manager. ICS retains the right to require prepayment in full at any time. Cancelled jobs will be invoiced for work performed and/or set-up costs incurred. Shipping costs incurred by ICS will be invoiced at cost +10% handling fee. A minimum USD \$25.00 handling fee will be invoiced on all sample returns. Shipping costs incurred by ICS will be invoiced \$25.00 or cost +10%, whichever amount is higher.
21. ICS hereby objects to any conflicting terms contained in any order, acceptance or other subsequent correspondence submitted by Client.
22. 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.
23. All costs associated with compliance with any subpoena (s) for documents, testimony in a court of law, or for any other purpose relating to work performed by ICS in connection with work performed for that Client, shall be paid by Client. Client shall also pay costs related to deposition and trial testimony.
24. Cancelled/discontinued orders: Client responsible for all administrative and testing charges up to point of cancellation.