# TEST RESULTS and REPORT for

# Power Aisle, Inc.

# **Power Aisle OTG Spectacles**

by



COLTS Laboratories maintains A2LA accreditation to ISO/IEC 17025 for the tests listed on Certificate # 1612.01. Any tests not included on this certificate have been identified on the appropriate test result page.

Also certified for testing by the Safety Equipment Institute

# Z-PWR051909-01

- Results in this report only relate to the samples analyzed.
- This report shall not be reproduced, except in full, without written approval from COLTS Laboratories.
- Unless otherwise requested, test samples will be discarded 21 days from the report date.

#### **COLTS Laboratories**

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A2LA Accredited-Certificate # 1612.01

## **Power Aisle, Inc.**

### **Z-PWR051909-01**

Project ID	Results					
	Test /Model(s)	Pass / Fail	Reason	Page		
Z-PWR051909-01-01	ANSI Z87.1-2003 Spectacles High Mass Impact Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses	Pass		1		
Z-PWR051909-01-02	ANSI Z87.1-2003 Spectacles High Velocity Impact Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses	Pass		3		

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Report Summary

A2LA Accredited Certificate 1612.01

Report To:

Power Aisle, Inc. 193 West Hills Road Huntington Station, NY 11746 <u>PROJECT</u>

Report of:ANSI Z87.1-2003 Spectacles High Mass Impactof Model(s):Power Aisle OTG Spectacles 30109 - Silver/Gray<br/>Frame, Clear LensesProject ID(s):Z-PWR051909-01-01



Attn: Engineering

Date: Thursday, May 28, 2009

On Tuesday, May 19, 2009, COLTS Laboratories received Spectacles: Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses from Power Aisle, Inc. From Wednesday, May 20, 2009 through Thursday, May 28, 2009 COLTS Laboratories tested these Spectacles in accordance with ANSI Z87.1-2003.

#### **Final Conclusion:**

The Spectacles: Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses do comply with ANSI Z87.1-2003 for the test(s) performed for ANSI Z87.1-2003 Spectacles High Mass Impact.

Also covered under this report are the following models: 30110, 30111, 30112, 30113 and 30114. These models are identical except for the color of the frame.

Please contact us should you have any questions concerning this report.

#### Respectfully submitted,

COLTS Laboratories

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Darin McCormick Lab Manager

John M. Young President

Report To: Power Aisle, Inc.

Project No. Z-PWR051909-01-01



Sample ID: Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses

A2LA Accredited-Cert .#1612.01

Report Date: 5/28/2009

Lab Temp (°C): 23

### Report of: ANSI Z87.1-2003 Spectacles High Mass Impact

Lab KII. 40	ANSI Z87-1			
Test/Property	Paragraph	n Requirement	Test Results	Acceptance
High Mass Impact	7.2.1	No piece shall be detached from the inner surface of any spectacle component, and the		
	7.4.2.1.1	test lens shall be retained in the frame.		
		Left eye sample 1	Acceptable	Pass
		Left eye sample 2	Acceptable	Pass
		Right eye sample 3	Acceptable	Pass
		Right eye sample 4	Acceptable	Pass

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Report Summary

A2LA Accredited Certificate 1612.01

Report To:

Power Aisle, Inc. 193 West Hills Road Huntington Station, NY 11746 <u>PROJECT</u>

Report of:ANSI Z87.1-2003 Spectacles High Velocity Impactof Model(s):Power Aisle OTG Spectacles 30109 - Silver/Gray<br/>Frame, Clear LensesProject ID(s):Z-PWR051909-01-02



Attn: Engineering

Date: Thursday, May 28, 2009

On Tuesday, May 19, 2009, COLTS Laboratories received Spectacles: Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses from Power Aisle, Inc. From Wednesday, May 20, 2009 through Thursday, May 28, 2009 COLTS Laboratories tested these Spectacles in accordance with ANSI Z87.1-2003.

#### **Final Conclusion:**

The Spectacles: Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses do comply with ANSI Z87.1-2003 for the test(s) performed for ANSI Z87.1-2003 Spectacles High Velocity Impact.

Also covered under this report are the following models: 30110, 30111, 30112, 30113 and 30114. These models are identical except for the color of the frame.

Please contact us should you have any questions concerning this report.

#### Respectfully submitted,

COLTS Laboratories

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Darin McCormick Lab Manager

John M. Young President

Report To: Power Aisle, Inc.

Project No. Z-PWR051909-01-02



Sample ID: Power Aisle OTG Spectacles 30109 - Silver/Gray Frame, Clear Lenses

A2LA Accredited-Cert .#1612.01

Report Date: 5/28/2009

## Report of: ANSI Z87.1-2003 Spectacles High Velocity Impact

Lab Temp (°C) :		23
Lab Rh :	48	

Lab Rh : 48	ANSI Z87-	1	Test Results	Acceptance
Test/Property	Paragraph	n Requirement		
High Velocity Impact	7.2.2	No contact with the eye of the headform is permitted as a result of impact. No piece shall be detached from the inner surface of any frame component, and the test lens shall be retained in the frame.		
	7.4.2.1.2			
		Left Eye Nasal 15 deg	153 fps	Pass
		Left Eye Nasal 0 deg	153 fps	Pass
		Left Eye Temporal 15 deg	150 fps	Pass
		Left Eye Temporal 30 deg	150 fps	Pass
		Left EyeTemporal 45 deg	153 fps	Pass
		Left Eye Temporal 60 deg	153 fps	Pass
		Left Eye Temporal 75 deg	147 fps	Pass
		Left Eye Temporal 90 deg	153 fps	Pass
		Left Eye 10 mm Above at 90 deg Temporal	150 fps	Pass
		Left Eye 10 mm Below at 90 deg Temporal	150 fps	Pass
		Right Eye Nasal 15 deg	152 fps	Pass
		Right Eye Nasal 0 deg	153 fps	Pass
		Right Eye Temporal 15 deg	153 fps	Pass
		Right Eye Temporal 30 deg	151 fps	Pass
		Right Eye Temporal 45 deg	153 fps	Pass
		Right Eye Temporal 60 deg	153 fps	Pass
		Right Eye Temporal 75 deg	153 fps	Pass
		Right Eye Temporal 90 deg	151 fps	Pass
		Right Eye 10 mm Above at 90 deg Temporal	152 fps	Pass
		Right Eye 10 mm below at 90 deg Temporal	153 fps	Pass