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Summary Report

Summer 2018 Footwear Comparison Proficiency Test #18401

Issued: July 20, 2018

On April 9, 2018, Ron Smith and Associates, Inc. (RS&A) shipped the 2018 Summer Tire Track Comparison Proficiency Test #18401. Participants were required to submit their responses no later than June 11, 2018 in order for them to be included in this summary report.

A total of 7 tests were ordered and shipped, with 7 participants returning their responses. This test consisted of sectional photographs of known tire(s), known impressions of the tire(s), and four (4) questioned impressions.

The results presented in this report reflect whether or not the participants' submitted results agree or disagree with the assigned values garnered from pre-distribution testing and outlined in **The Manufacturer's Report** (Appendix 1). The primary purpose of a Summary Report is to provide an overall documentation of all the submitted responses. It is RS&A's intention to go a step further by providing more meaningful statistical results through analyzing the submitted responses in relation to the demographics obtained from each of the examiners participating in this proficiency test. All results and statistics for Test #18401 will be outlined through graphs and charts found in the remainder of this report.

Prior to distribution of this test, all of the expected responses were determined to be either "Identification" or "Exclusion"; however, we are aware that some agencies allow for a conclusion of "Inconclusive" in their casework. In designing this Proficiency Test, there was no intention to force a participant to render a conclusion which goes beyond their considered opinion. To satisfy this option, participants were allowed to enter "Inconclusive" as a response. Due to the fact that a participant's "Inconclusive" response does not meet the assigned values, it will appear as an inconsistent response in the summary report and be incorporated as such in the statistical analysis. It will be up to each agency to decide if the participant's "Inconclusive" response qualifies as being acceptable under their policies and procedures.

RS&A strives to maintain the confidentiality of all of its clients and participants. All results are obtained and published using randomly generated test codes. RS&A will not release the identity of any participant without the written consent of the participant and/or the agency involved.

For any additional information, please contact the Footwear Proficiency Testing Coordinator by emailing testing@ronsmithandassociates.com or by calling toll free at 1-866-832-6772.

Appendix 1

Test Manufacturer's Information

Summer 2018 Tire Track Comparison Proficiency Test #18401

This test consisted of sectional photographs of known tire(s), known impressions of the tire(s), and four (4) questioned impressions. The assigned values are as follows:

Questioned Impressions Q-#	Conclusion	Known Tire Section #
Q-1	Identification	Section A
Q-2	Exclusion	N/A
Q-3	Identification	Section F
Q-4	Identification	Section E

The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing.

Individual reports will be provided to participants on or before early July 2018. The final summary report for this test will be posted on the Ron Smith and Associates website at <http://www.ronsmithandassociates.com/proficiency/tiretrack.html> by mid July 2018.

For questions or further information, contact our Tire Track Print Proficiency Test Coordinator by emailing testing@ronsmithandassociates.com or by calling toll free at 1-866-832-6772.

Authorized by:

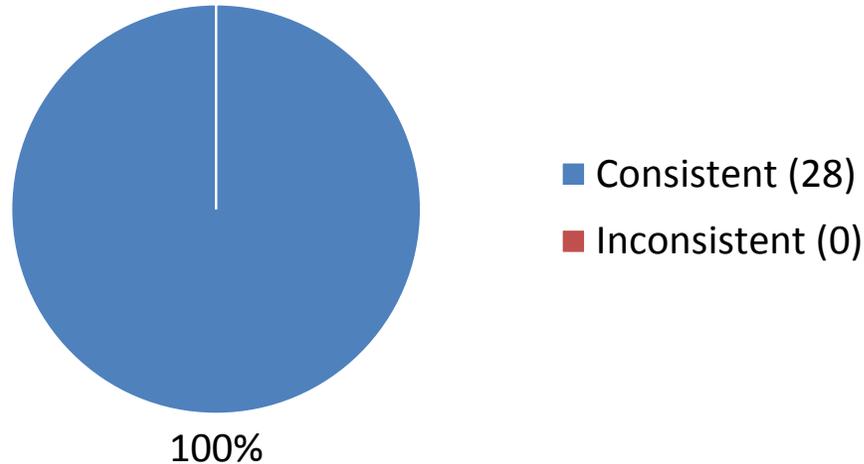


Ron Smith
President
June 29, 2018

Issue Date: June 29, 2018

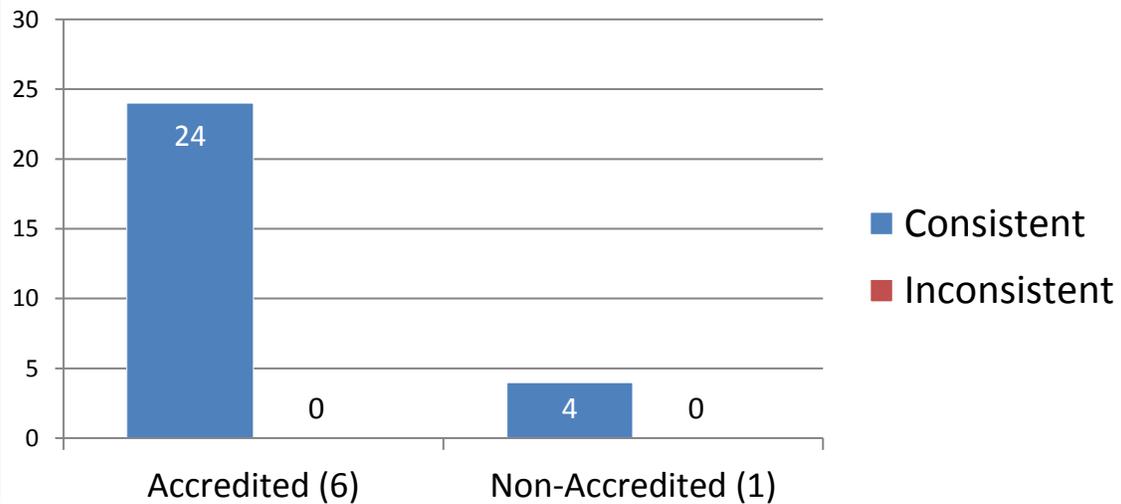
Appendix 2

Consistent vs Inconsistent Responses Compared to Assigned Values



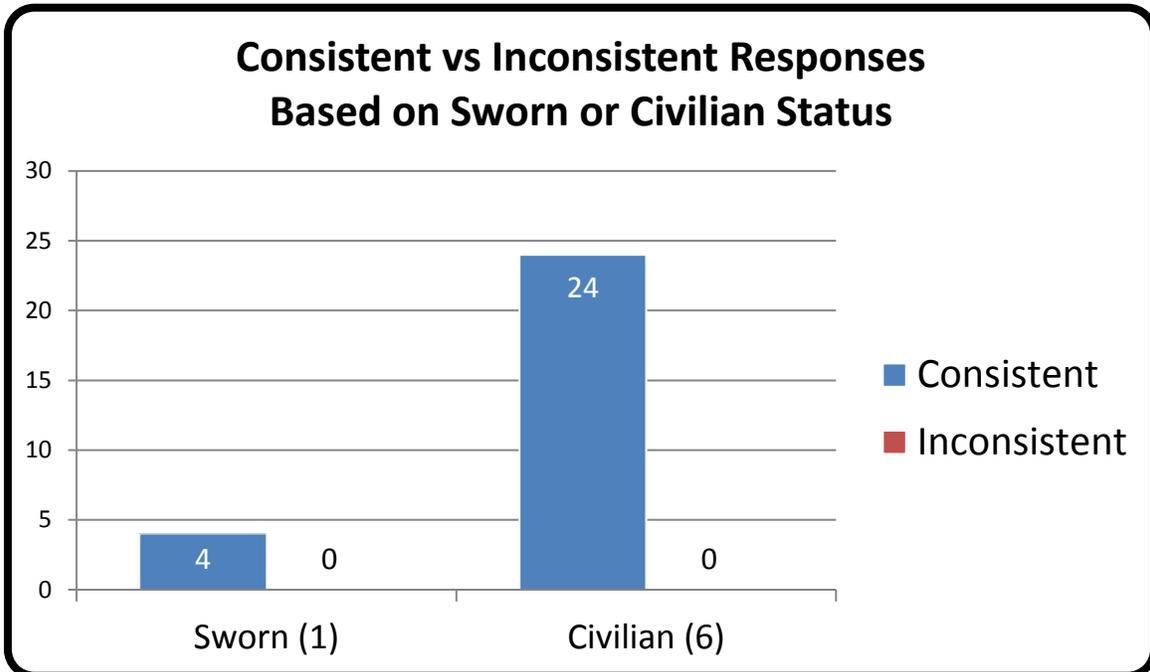
Appendix 3

Consistent vs Inconsistent Responses Based on Accreditation

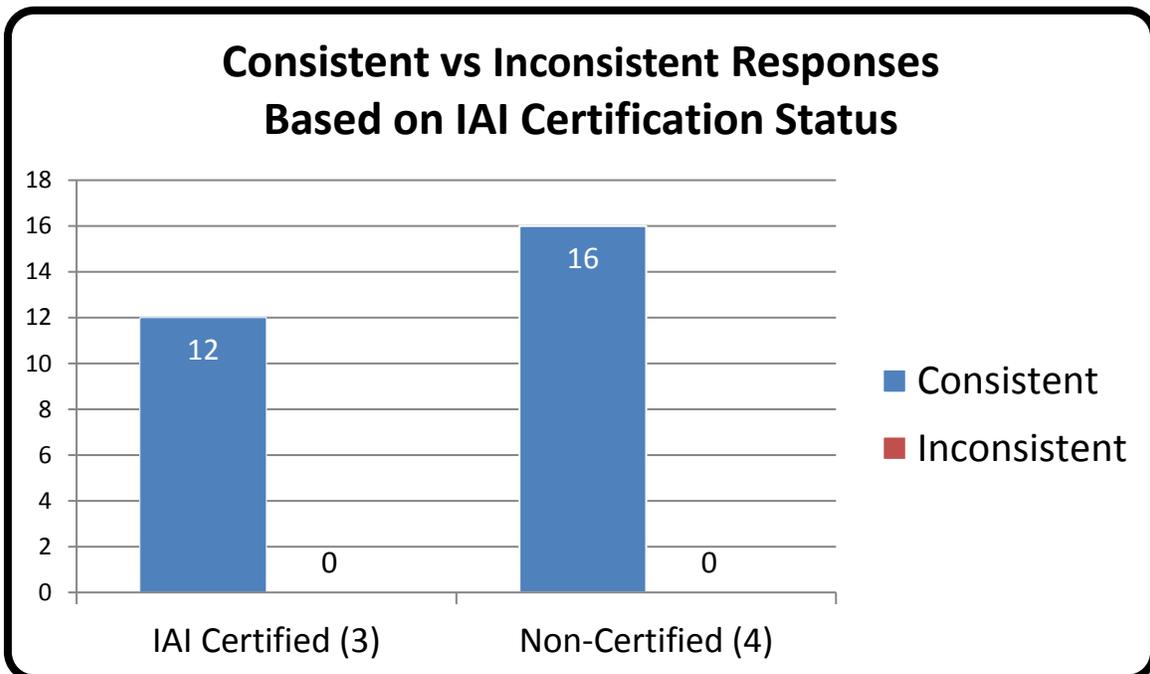


*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses**. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 4



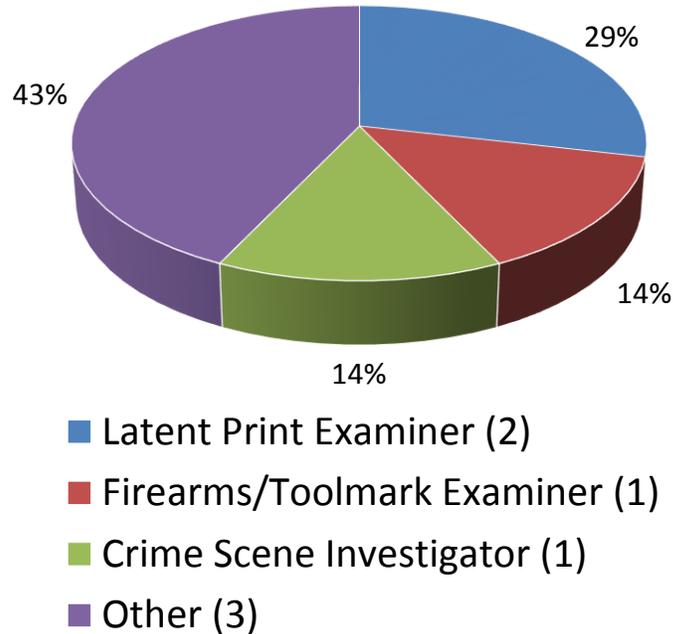
Appendix 5



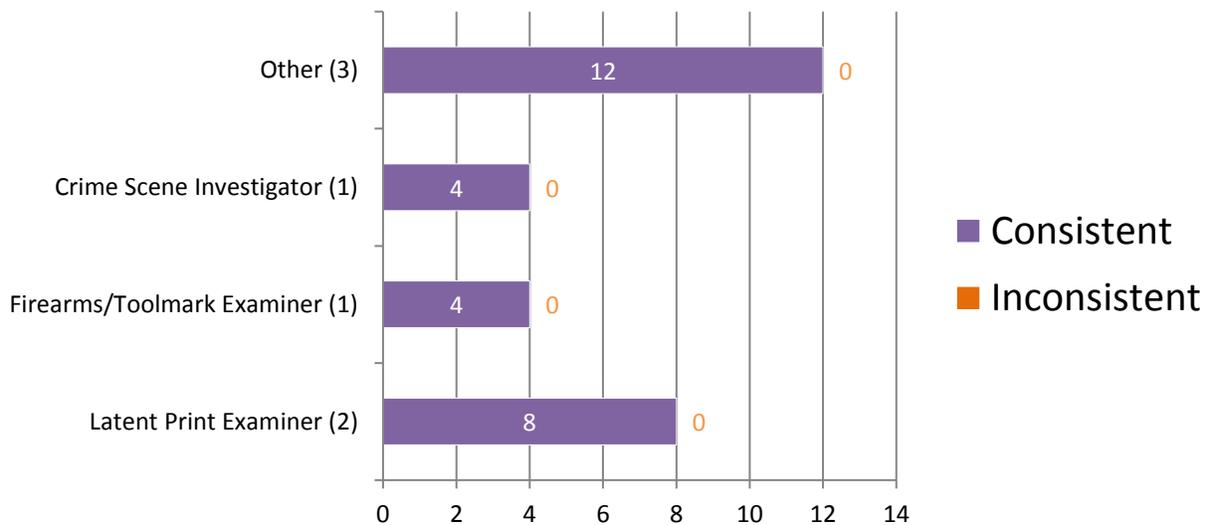
*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses.** *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 6

Percentage of Participants Based on Primary Job Position



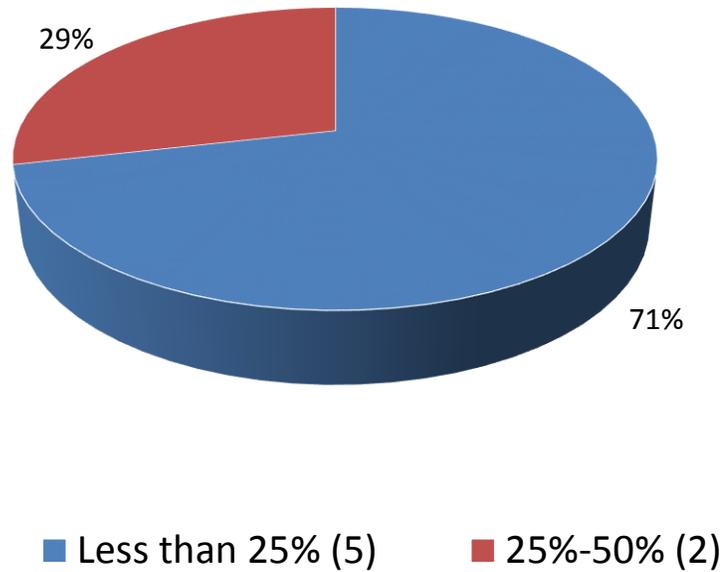
Consistent vs Inconsistent Responses Based on Primary Job Position



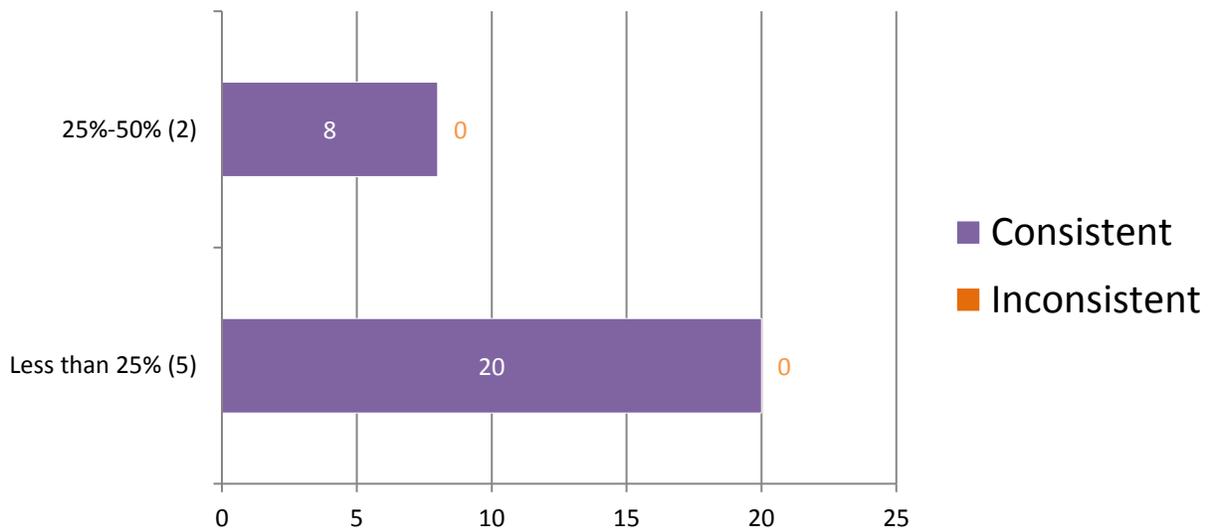
*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses.** *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 7

Percentage of Participants Based on Time Devoted to Footwear Casework



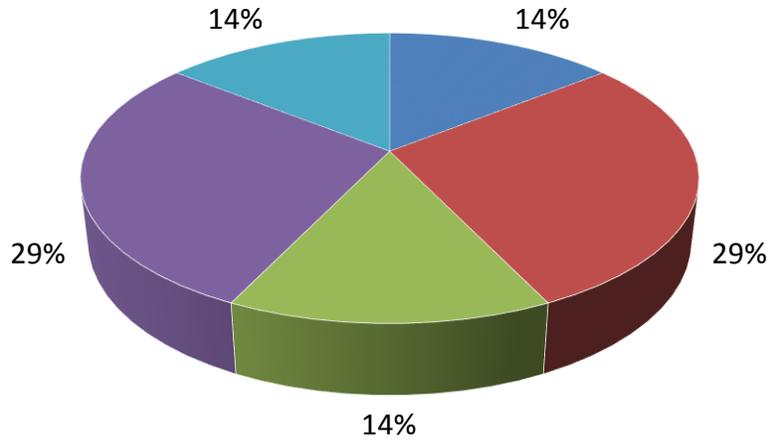
Consistent vs Inconsistent Responses Based on Time Devoted to Footwear Casework



*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses**. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

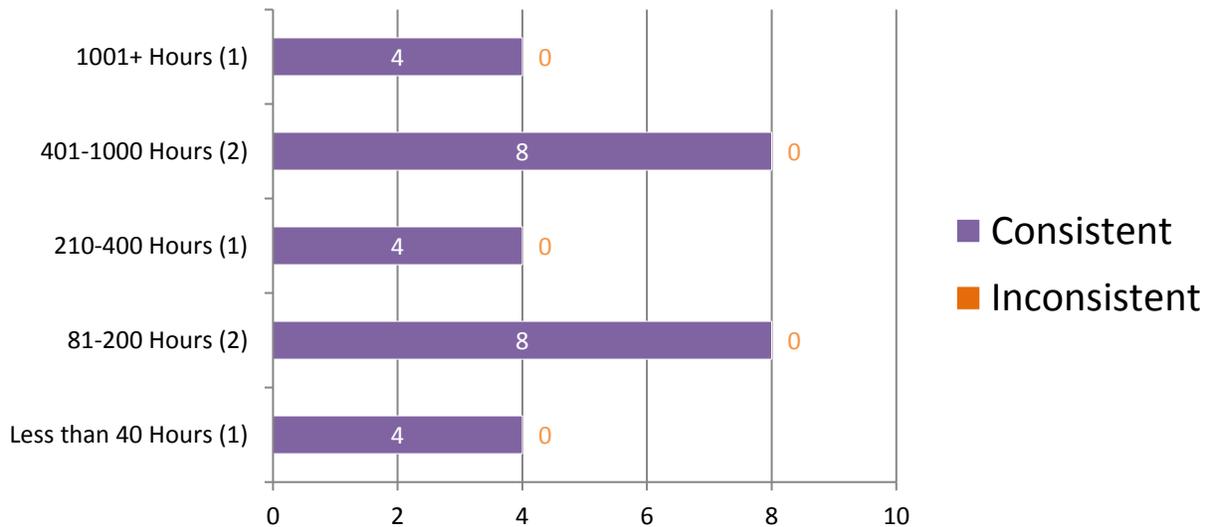
Appendix 8

Percentage of Participants Based on Hours of Footwear Training Completed



- Less than 40 Hours (1) ■ 81-200 Hours (2)
- 210-400 Hours (1) ■ 401-1000 Hours (2)
- 1001+ Hours (1)

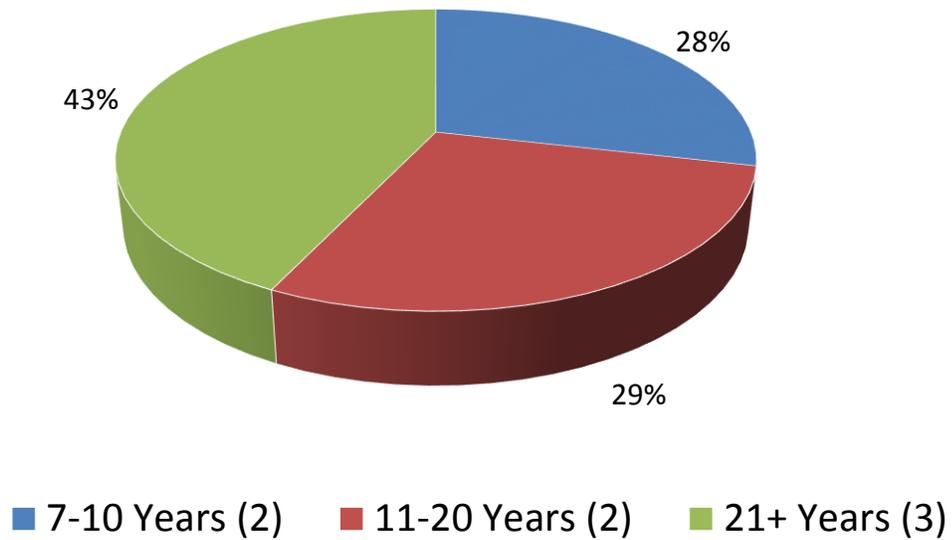
Consistent vs Inconsistent Responses Based on Hours of Footwear Training Completed



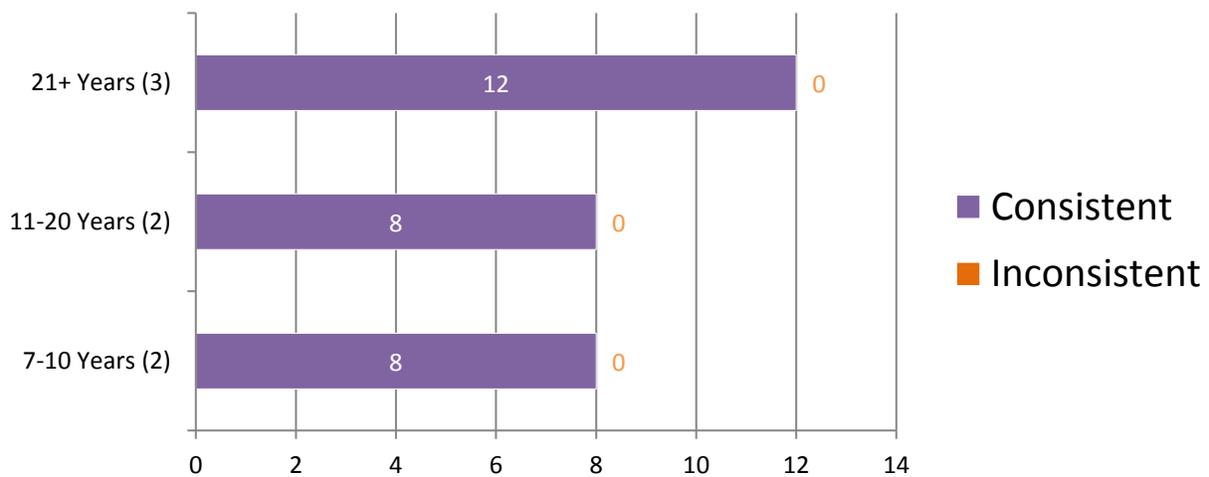
*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses**. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 9

Percentage of Participants Based on Years of Experience in Footwear Examinations



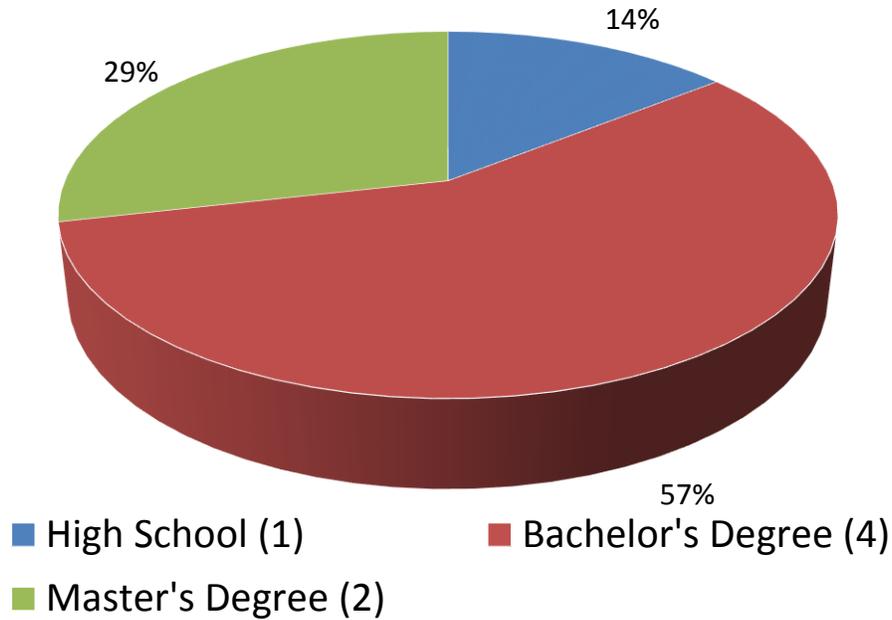
Consistent vs Inconsistent Responses Based on Years of Experience in Footwear Examinations



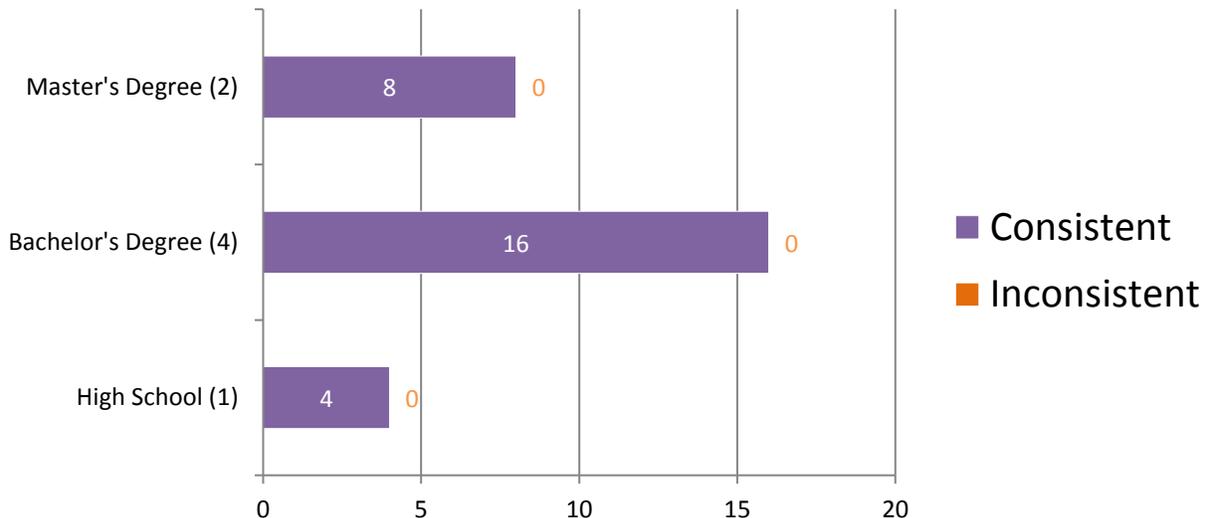
*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses.** *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 10

Percentage of Participants Based on Highest Level of Education Completed

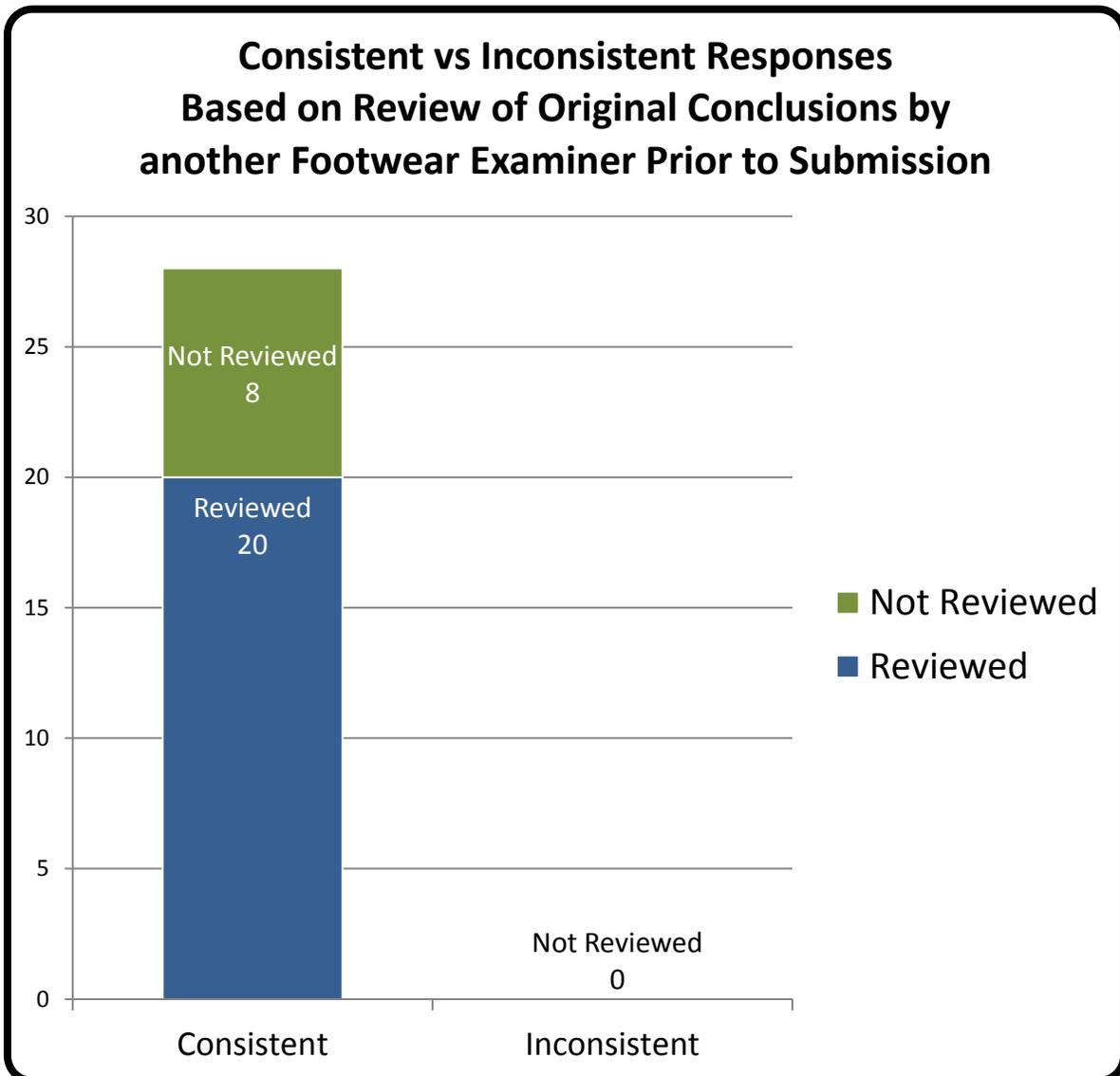


Consistent vs Inconsistent Responses Based on Highest Level of Education Completed



*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses.** *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 11



*Numerical values shown are based on **7 participant submissions, each with 4 responses, equaling 28 total responses**. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 12

Participant Responses Listed by Test Code

Questioned Impression #	Q-1	Q-2	Q-3	Q-4
Assigned Values	ID Sec A	EXC	ID Sec F	ID Sec E
Test Code	1375H18401	ID K-2	EXC	ID K-1
	3106G18401	ID Sec A	EXC	ID Sec F
	3185M18401	ID Sec A	EXC	ID Sec F
	5437U18401	ID Sec A	EXC	ID Sec F
	5916Q18401	ID Sec A	EXC	ID Sec F
	5979W18401	ID Sec A	EXC	ID Sec F
	987U18401	ID Sec A	EXC	ID Sec F

Totals

Questioned Impression #	Q-1	Q-2	Q-3	Q-4
Assigned Values	ID Sec A	EXC	ID Sec F	ID Sec E
Consistent Responses	7	7	7	7
Inconsistent Responses	0	0	0	0
Percentage of Consistent Responses	100%	100%	100%	100%

Participant's Additional Comments

Test ID	Comments
N/A	There were no additional comments.

Manufacturer's Additional Observations

Based upon a review of the submitted responses, the following observations were noted:

1. Accreditation status, sworn or civilian status, IAI certification status, job title, time devoted to tire track casework, hours of training, years of experience, formal education or review of findings before submittal appeared to have no impact on submitted results for test 18401.

Authorized by:



Ron Smith, President
Ron Smith and Associates, Inc.

Date of Issue:

July 20, 2018