



## **Ron Smith & Associates, Inc.**

### **Testing Division**

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## **Summary Report**

### **Spring 2018 Footwear Comparison Proficiency Test #18301**

**Issued: May 31, 2018**

On February 19, 2018, Ron Smith and Associates, Inc. (RS&A) shipped the 2018 Spring Footwear Comparison Proficiency Test #18301. Participants were required to submit their responses no later than April 23, 2018 in order for them to be included in this summary report.

A total of 17 tests were ordered and shipped, with 15 participants returning their responses. The test was provided in both digital and hard copy format and included seven questioned impressions and one known footwear impression.

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 #18301 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](mailto:testing@ronsmithandassociates.com) or by calling toll free at 1-866-832-6772.

# Appendix 1

## Test Manufacturer's Information

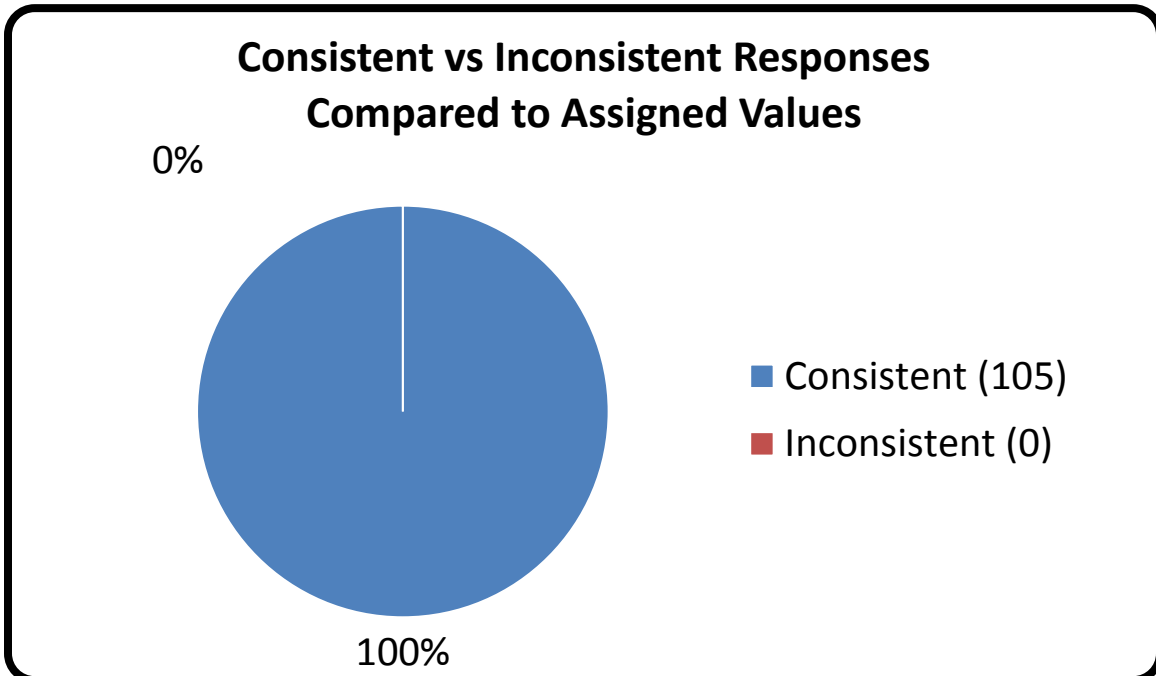
### Spring 2018 Footwear Comparison Proficiency Test #18301

The assigned values are:

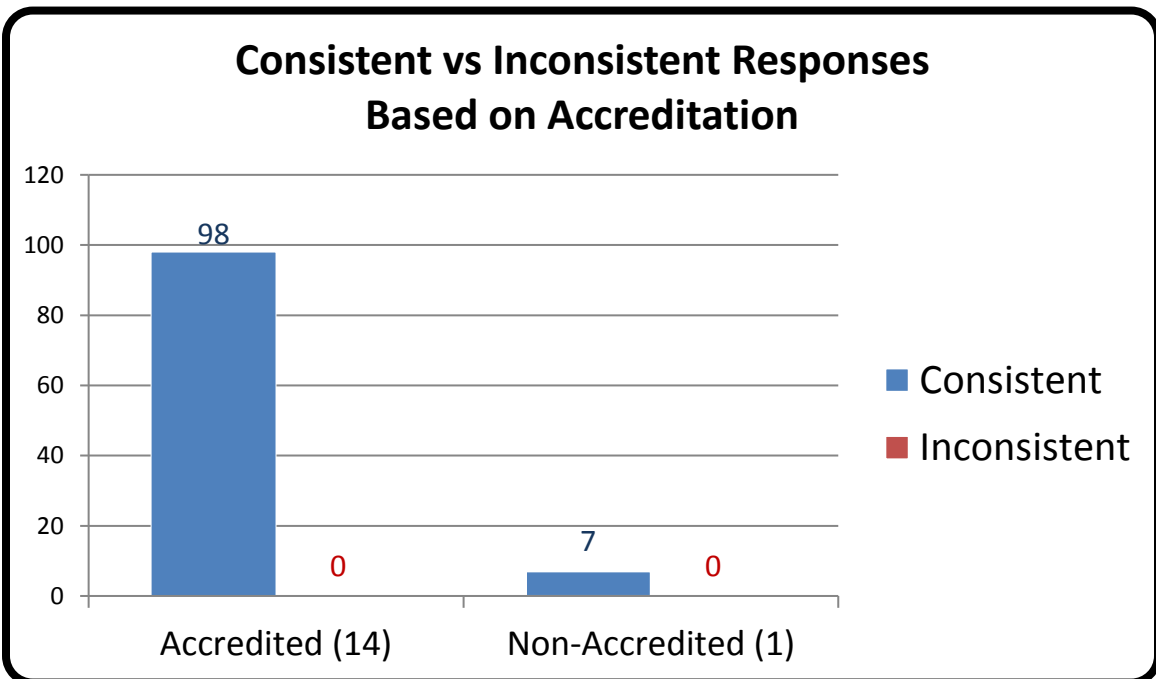
<b>Questioned Impressions Q-#</b>	<b><u>Conclusion</u></b>	<b>Known Shoe K-#</b>
Q-1	Exclusion	
Q-2	Exclusion	
Q-3	Exclusion	
Q-4	Exclusion	
Q-5	Exclusion	
Q-6	Identification	K-1 Right Shoe
Q-7	Identification	K-1 Right Shoe

The test consisted of seven questioned impressions and one known shoe print in hard copy photograph and/or digital image formats. The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing.

## Appendix 2

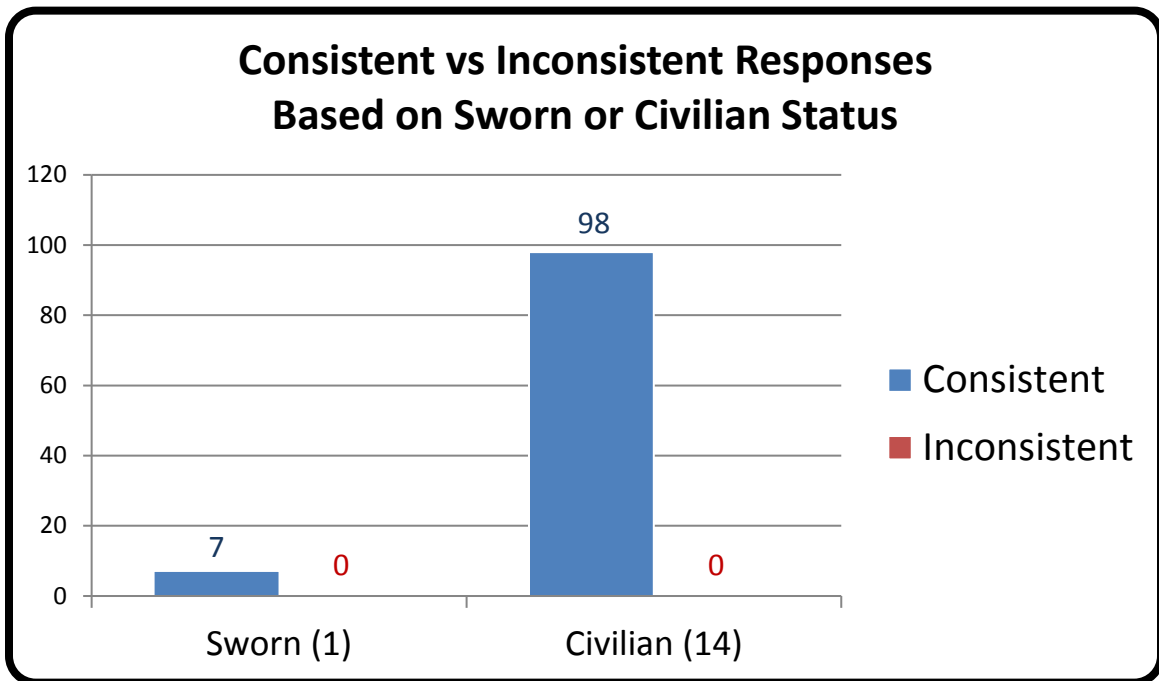


## Appendix 3

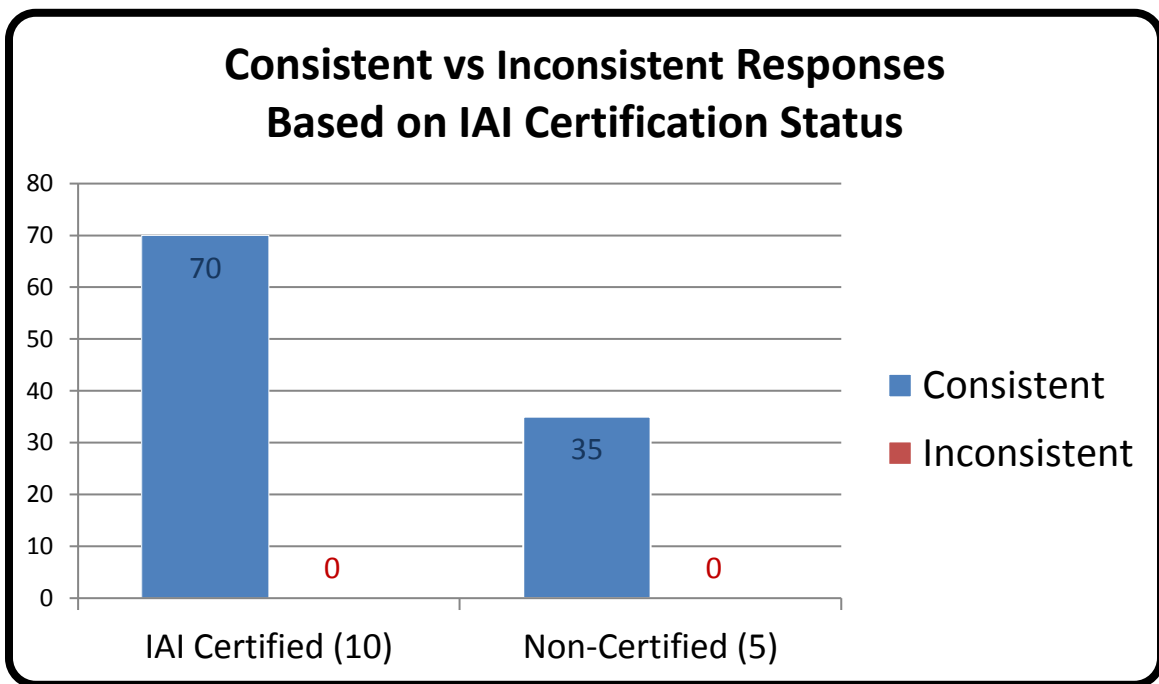


\*For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

## Appendix 4



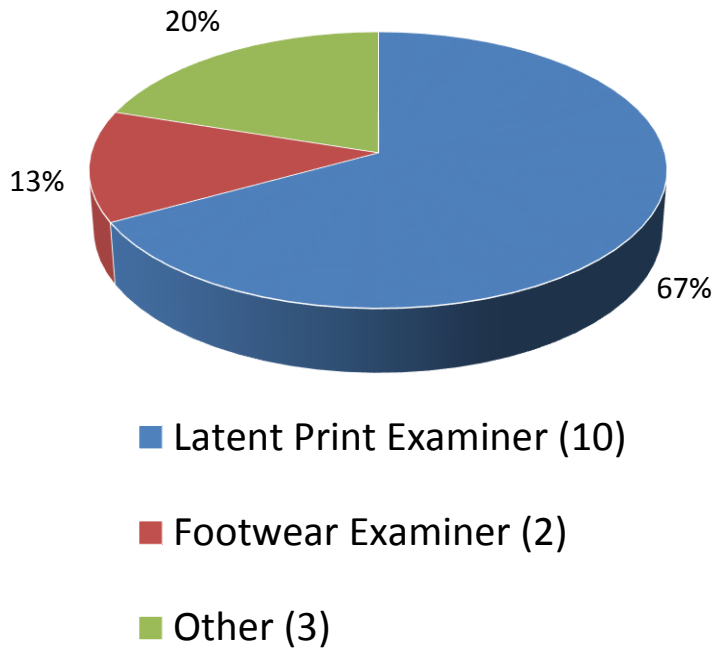
## Appendix 5



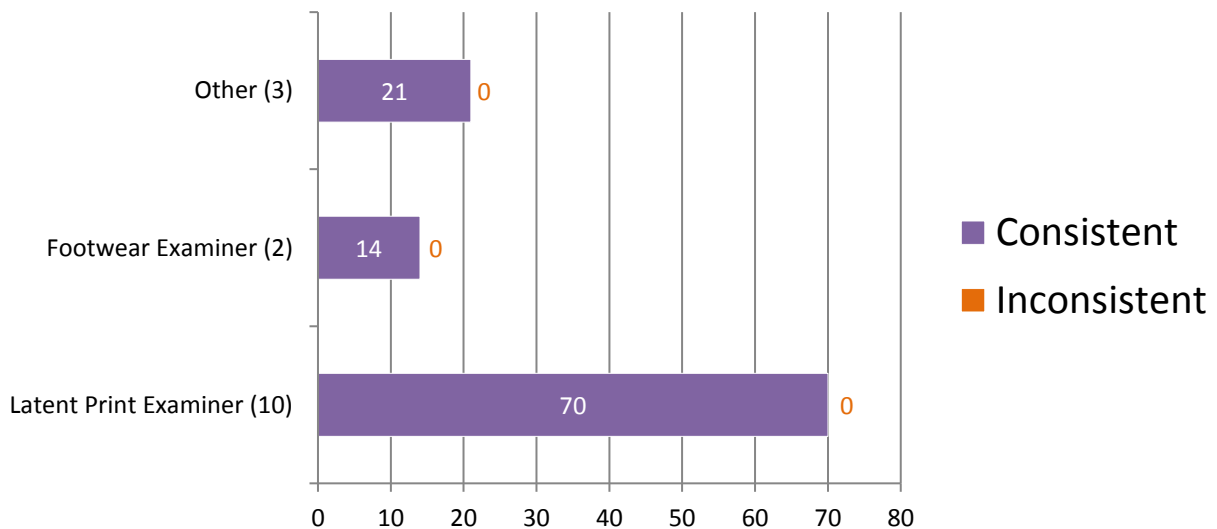
\*For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

## Appendix 6

### Percentage of Participants Based on Primary Job Position



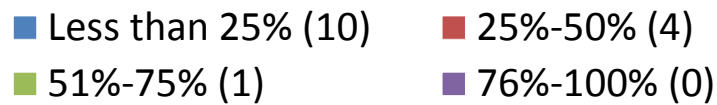
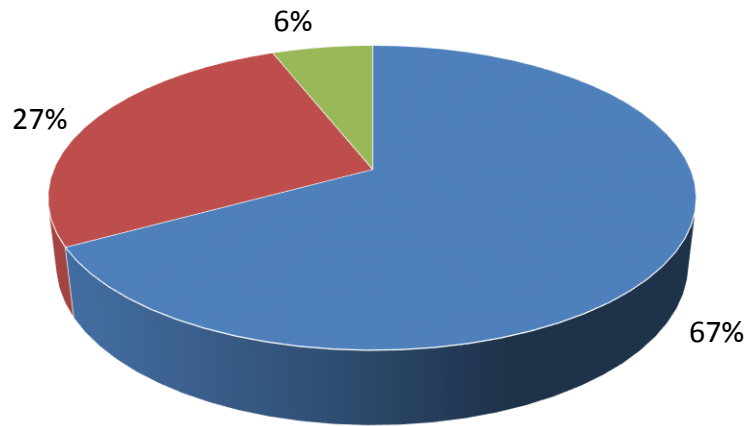
### Consistent vs Inconsistent Responses Based on Primary Job Position



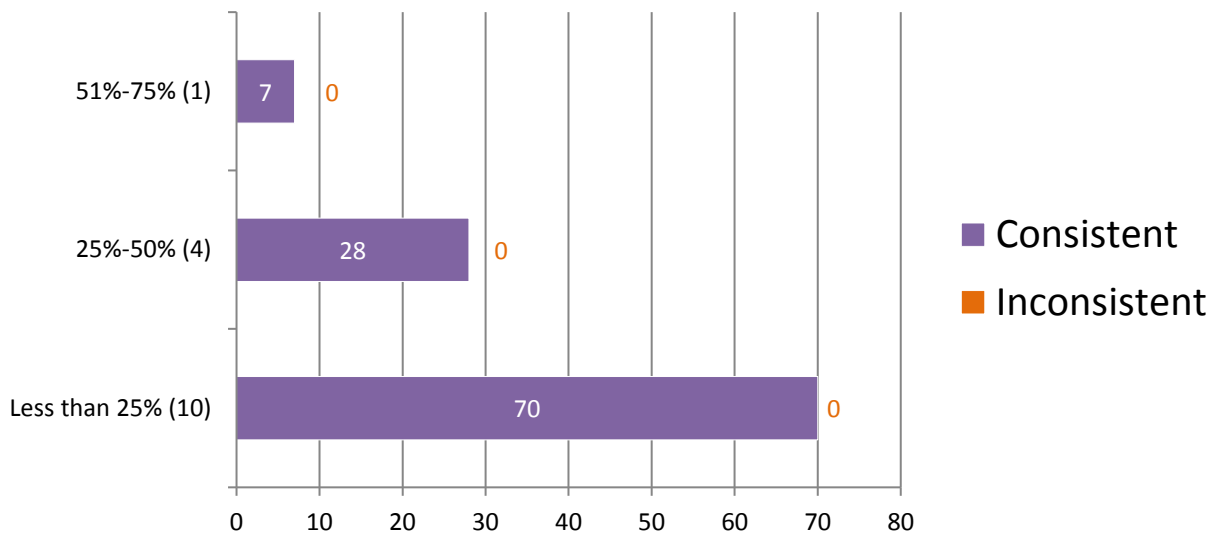
\*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

## Appendix 7

### Percentage of Participants Based on Time Devoted to Footwear Casework



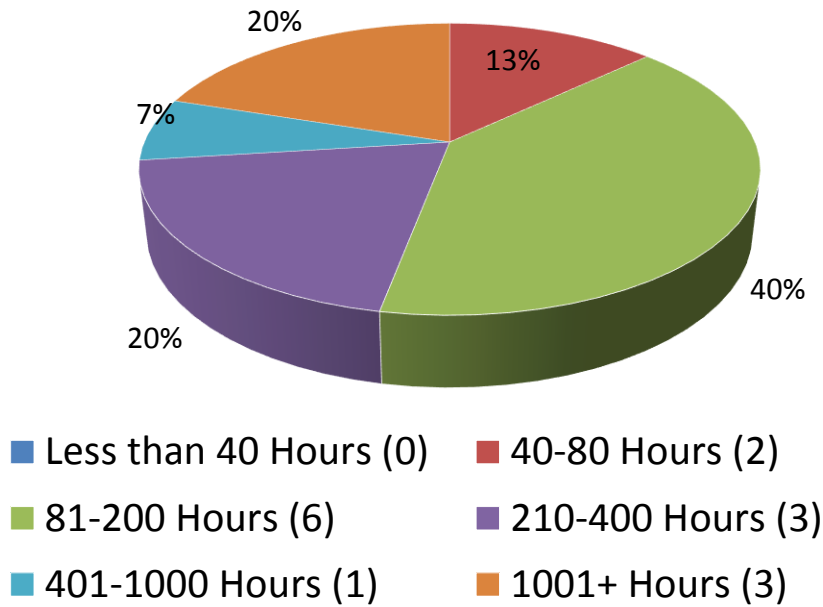
### Consistent vs Inconsistent Responses Based on Time Devoted to Footwear Casework



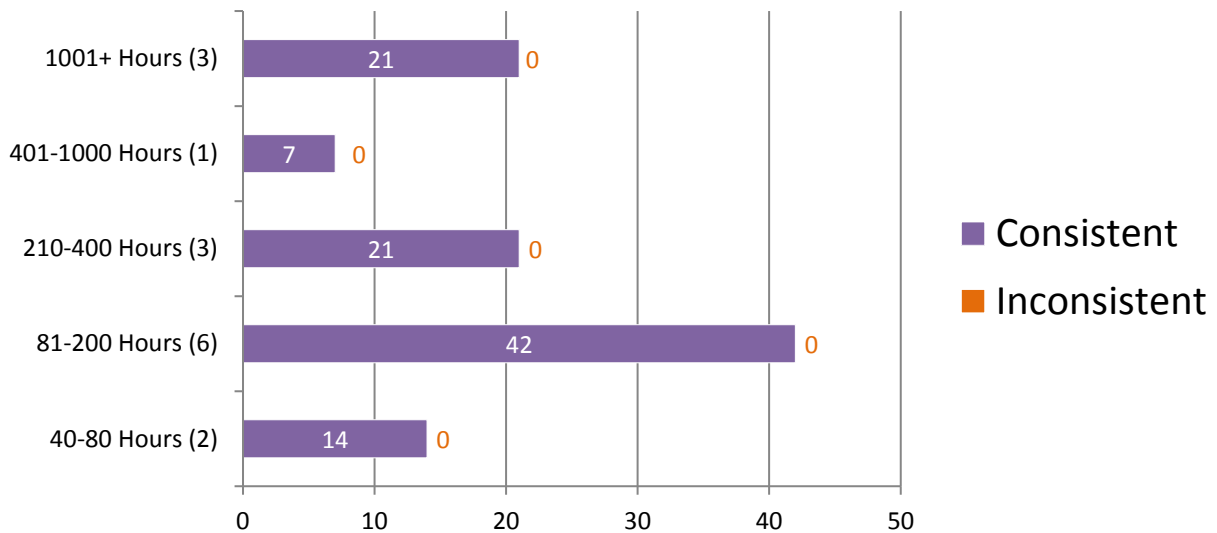
\*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

## Appendix 8

### Percentage of Participants Based on Hours of Footwear Training Completed



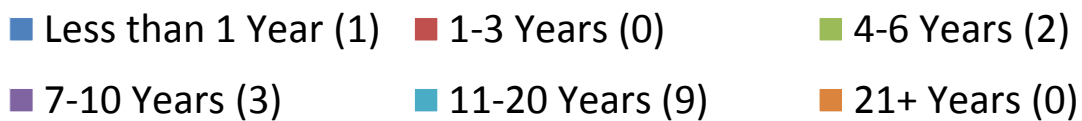
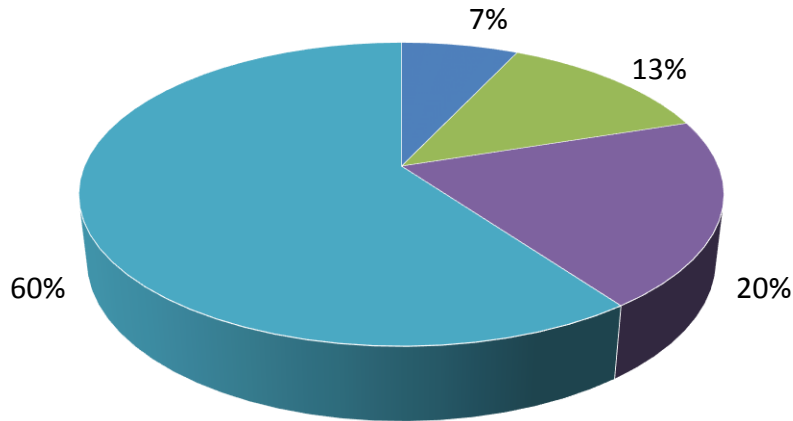
### Consistent vs Inconsistent Responses Based on Hours of Footwear Training Completed



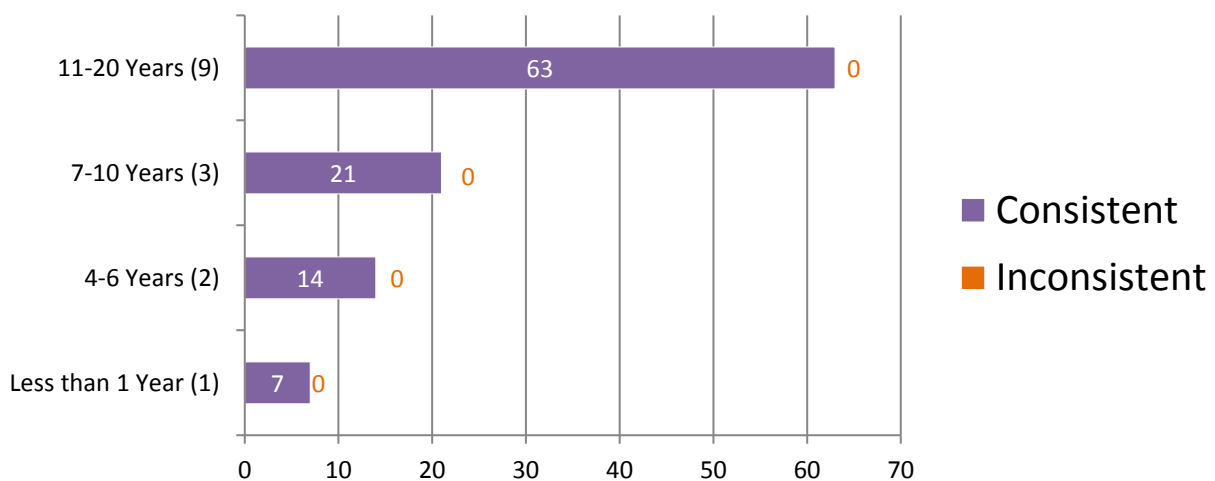
\*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

## 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

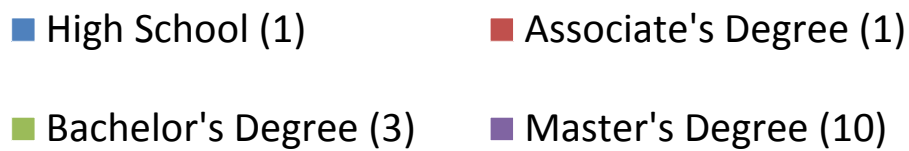
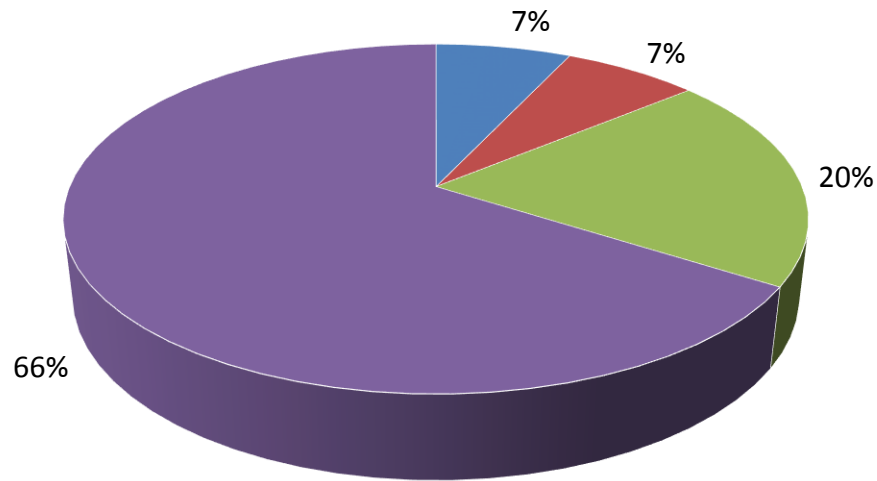


\*For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

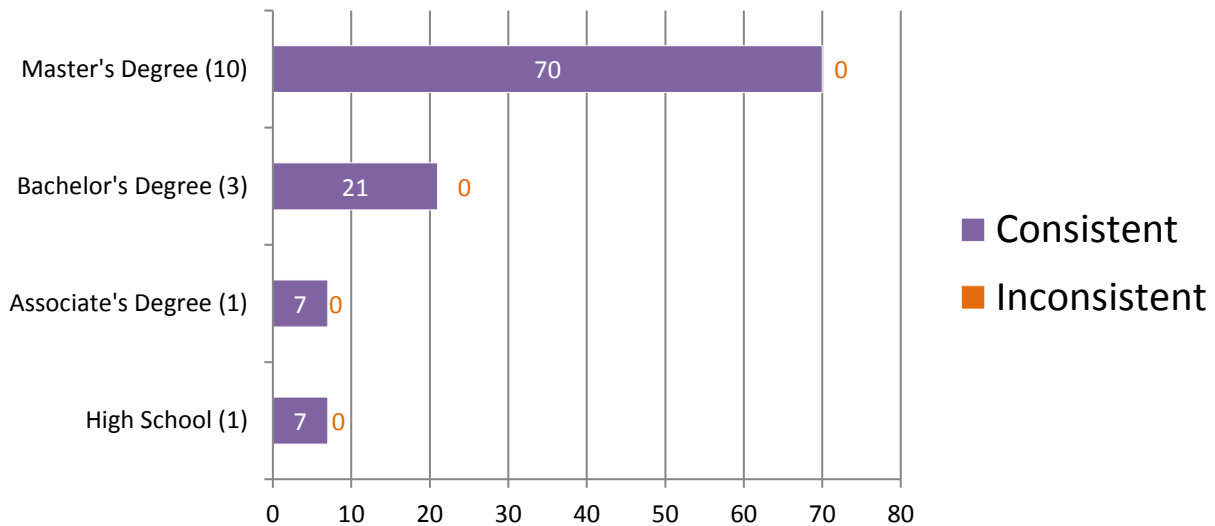


## Appendix 10

### Percentage of Participants Based on Highest Level of Education Completed

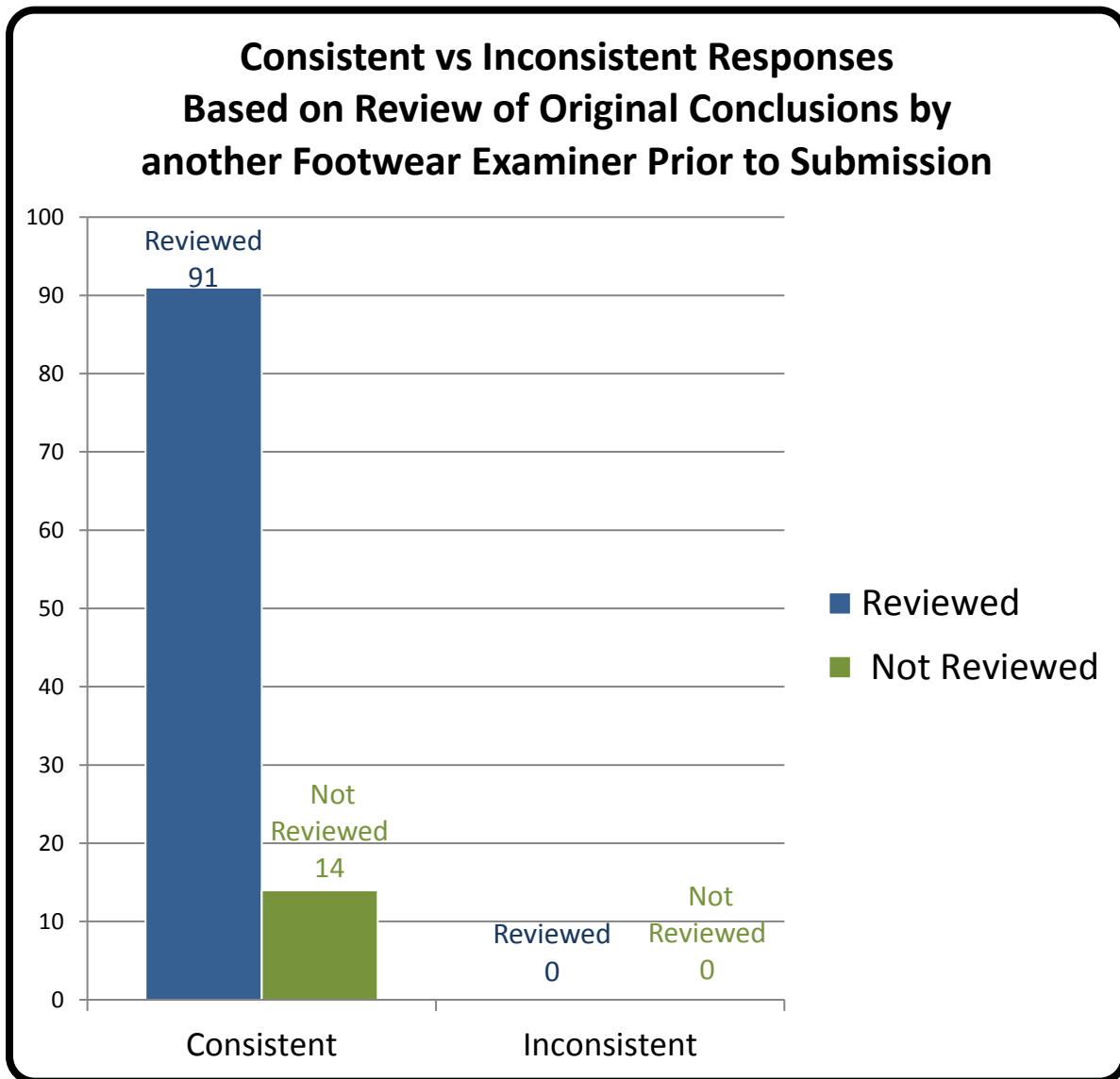


### Consistent vs Inconsistent Responses Based on Highest Level of Education Completed



\*For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

## Appendix 11



\*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	Q-5	Q-6	Q-7
Assigned Values	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
1491I18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
1644K18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
3132J18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
5528D18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
5630S18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
5882S18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
5892N18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
6766Q18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
7433H18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
8606V18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
8989Y18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
938B18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
9428E18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
9715S18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
9940F18301	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1

Test Code

## Totals

Questioned Impression #	Q-1	Q-2	Q-3	Q-4	Q-5	Q-6	Q-7
<b>Assigned Values</b>	EXC	EXC	EXC	EXC	EXC	ID K-1	ID K-1
<b>Consistent Responses</b>	15	15	15	15	15	15	15
<b>Inconsistent Responses</b>	0	0	0	0	0	0	0
<b>Percentage of Consistent Responses</b>	100%	100%	100%	100%	100%	100%	100%

## Participant's Additional Comments

Test ID	Comments
<b>8606V18301</b>	Questioned impressions Q1 through Q7 were compared to the single known impression K1. K1 was excluded from being the source of impressions Q1 through Q5 due to an absence of correspondence in shape, wear or tread design. K1 was identified as being the source of impressions Q6 and Q7 because of the correspondence in physical shape, size, wear and randomly acquired characteristics.

## Manufacturer's Additional Observations

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

1. Regardless of experience, education, training, certification, accreditation or employment status, no erroneous identifications were submitted.

**Authorized by:** Ron Smith, President  
Ron Smith and Associates, Inc.

**Date of Issue:** May 31, 2018