



Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

Summary Report

Fall 2019 Footwear Comparison Proficiency Test #19302

Issued: November 26, 2019

On August 26, 2019, Ron Smith and Associates, Inc. (RS&A) shipped the 2019 Fall Footwear Comparison Proficiency Test #19302. Participants were required to submit their responses no later than October 28, 2019 in order for them to be included in this summary report.

A total of 12 tests were ordered and shipped, with 7 participants returning their responses. The test was provided in both digital and hard copy format and included six questioned impressions and two sets known footwear 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 this test 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 Proficiency Testing Coordinator by emailing testing@ronsmithandassociates.com or by calling toll free at 1-866-832-6772.

Appendix 1

Test Manufacturer's Information

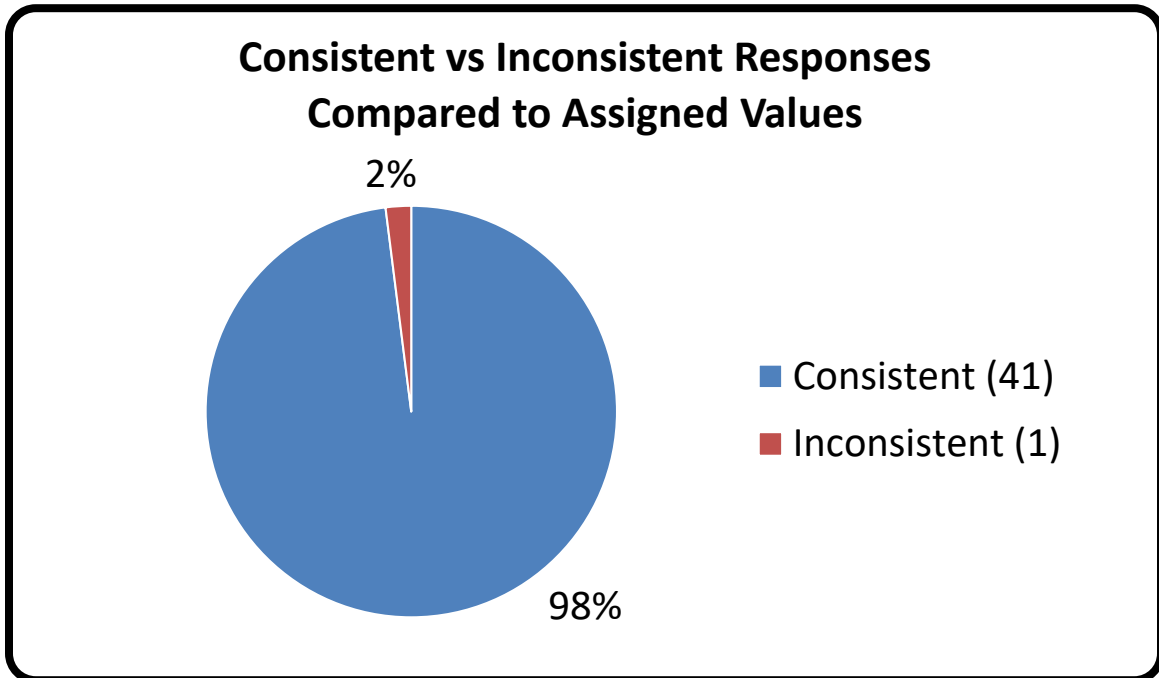
Fall 2019 Footwear Comparison Proficiency Test #19302

The test consisted of six questioned impressions and two sets of known shoe prints in hard copy photograph and/or digital image formats. The assigned values were as follows:

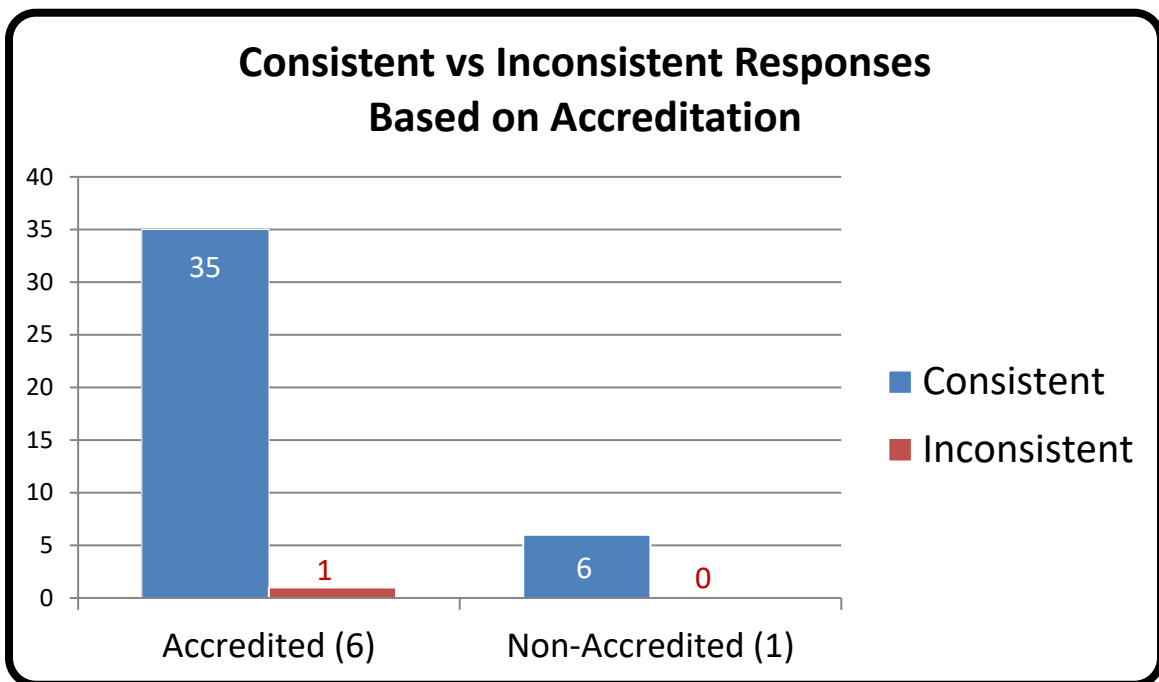
Questioned Impressions Q-#	<u>Conclusion</u>	Known Shoe K-#
Q-1	Identification	K-3
Q-2	Identification	K-1
Q-3	Identification	K-3
Q-4	Identification	K-2
Q-5	Identification	K-4
Q-6	Identification	K-1

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

Appendix 2

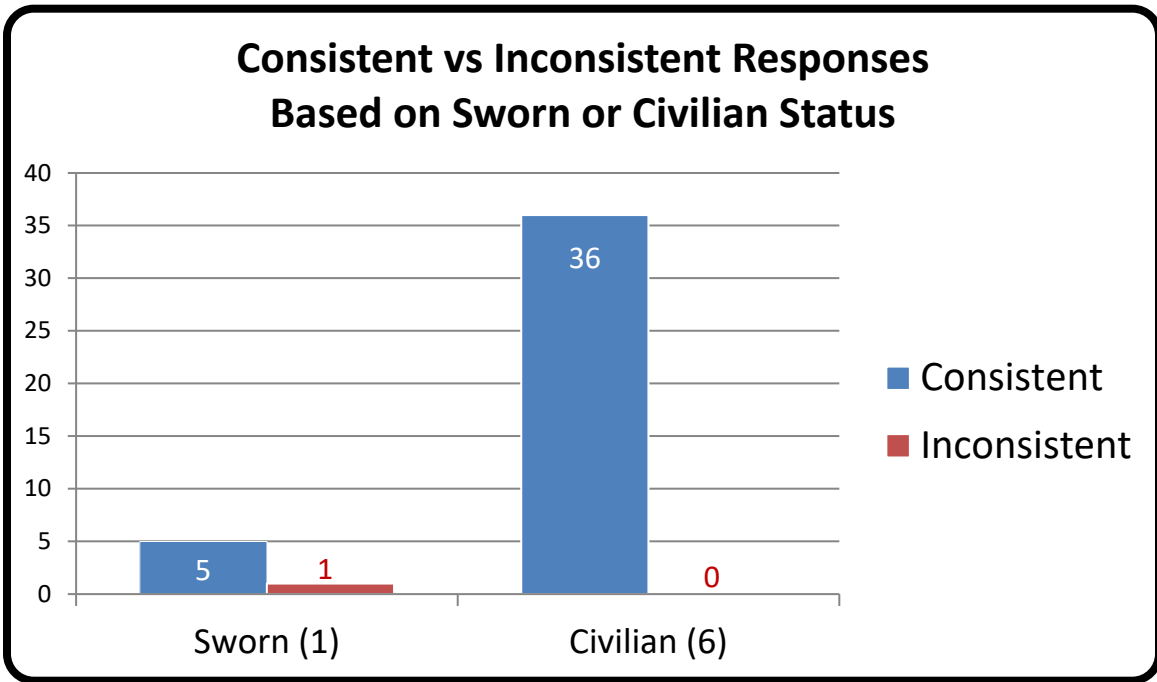


Appendix 3

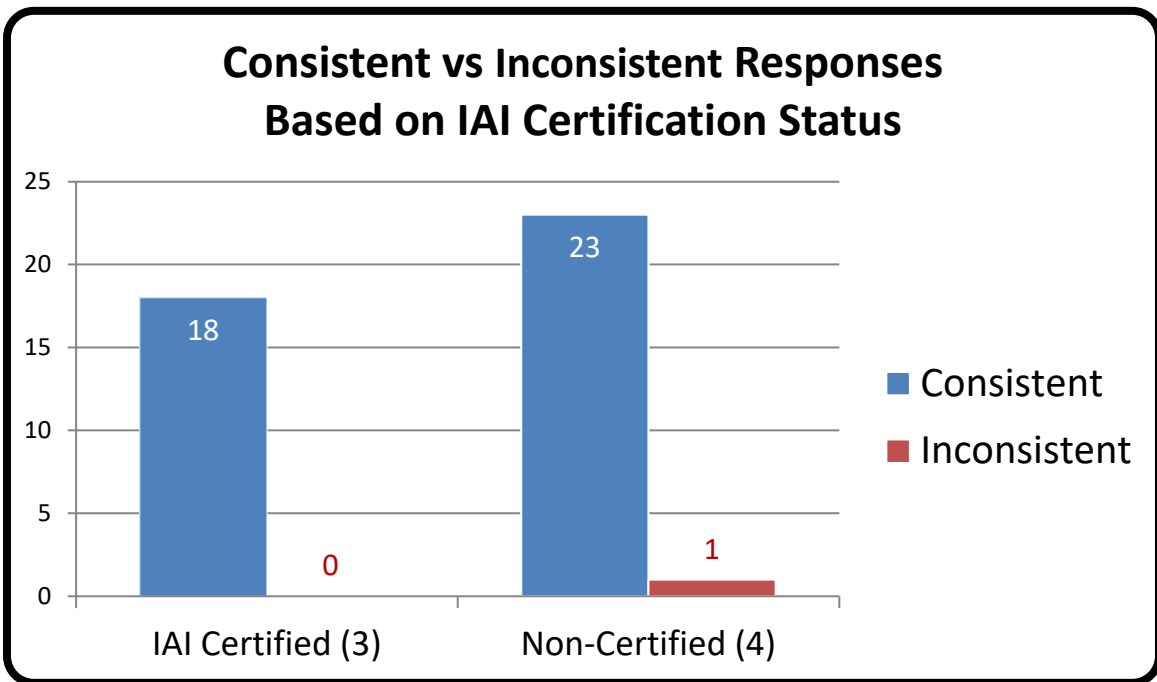


*Numerical values shown are based on 7 participant submissions, each with 6 responses, equaling 42 total responses. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 4



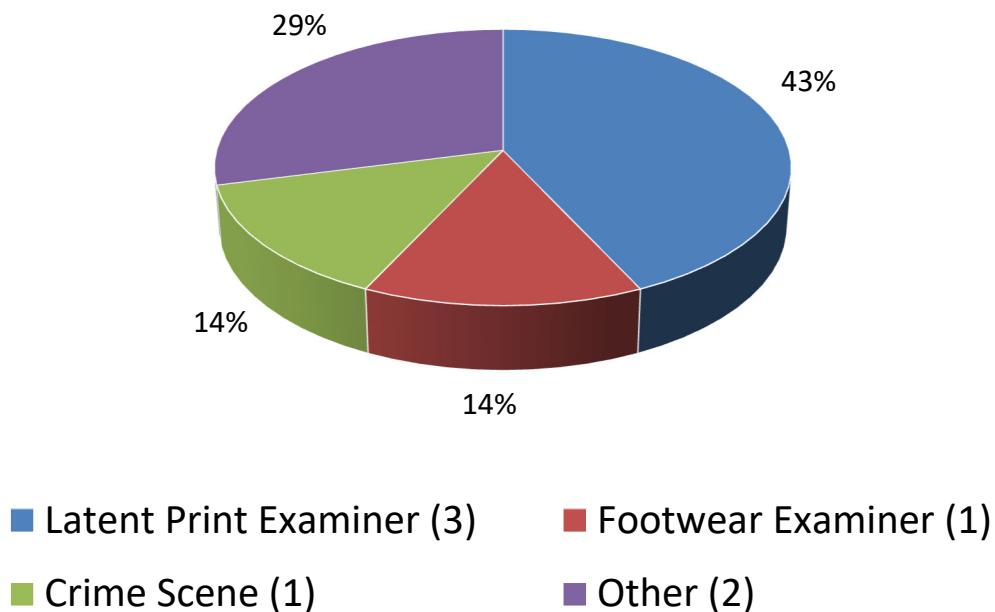
Appendix 5



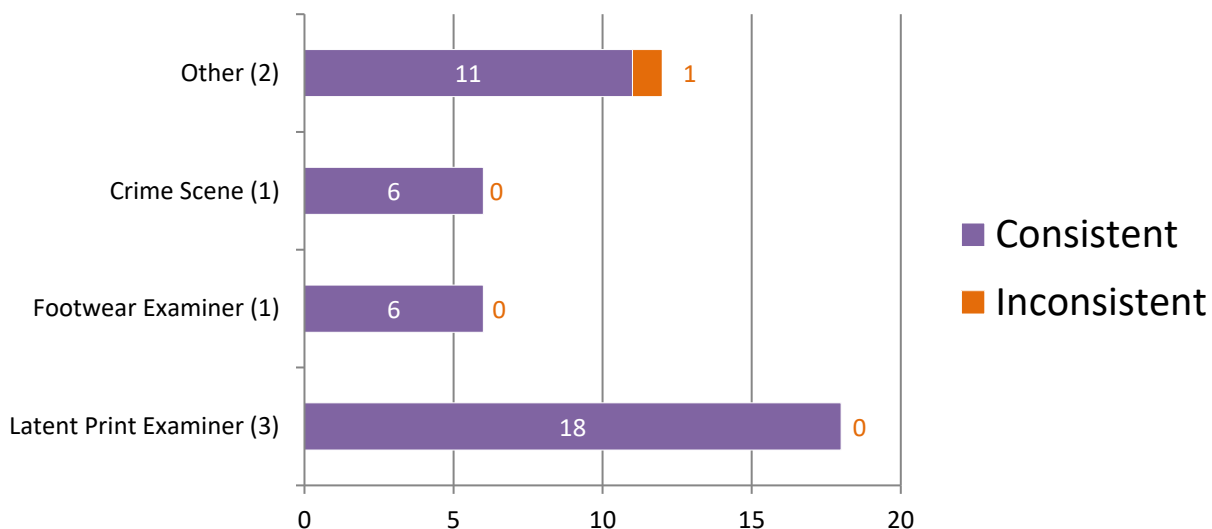
*Numerical values shown are based on 7 participant submissions, each with 6 responses, equaling 42 total responses. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 6

Percentage of Participants Based on Primary Job Position



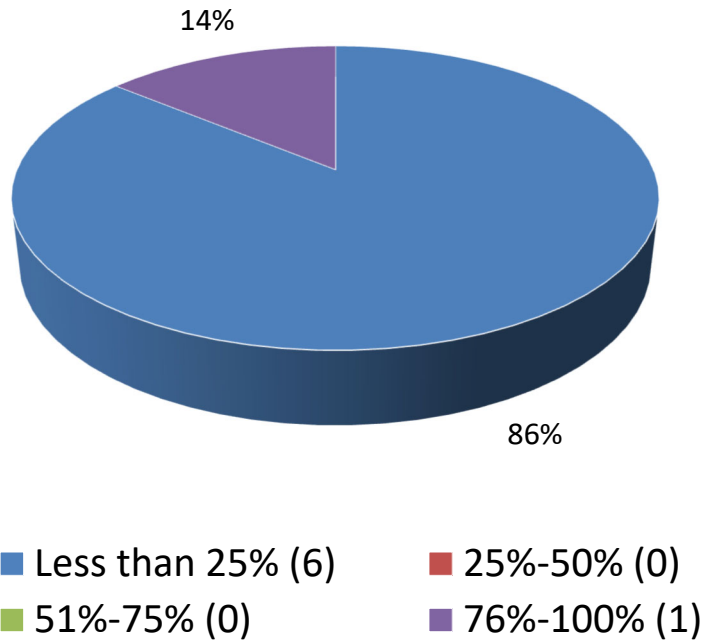
Consistent vs Inconsistent Responses Based on Primary Job Position



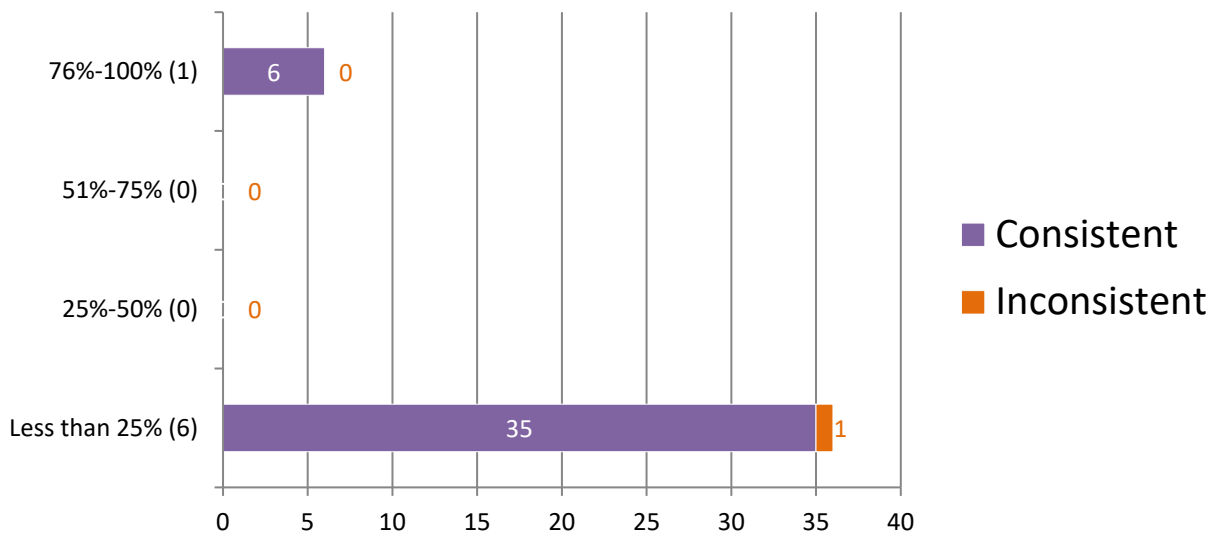
*Numerical values shown are based on **7 participant submissions, each with 6 responses, equaling 42 total responses.** *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 7

Percentage of Participants Based on Time Devoted to Footwear Casework



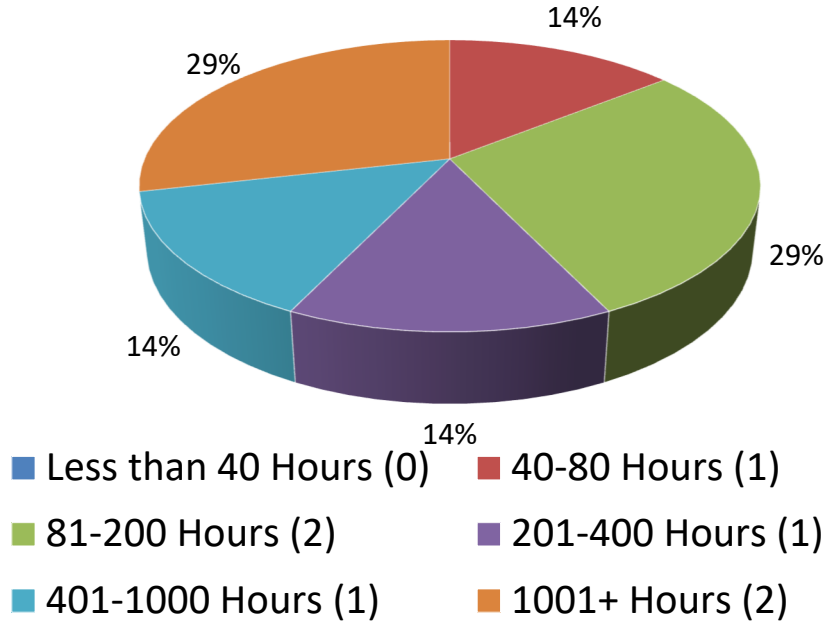
Consistent vs Inconsistent Responses Based on Time Devoted to Footwear Casework



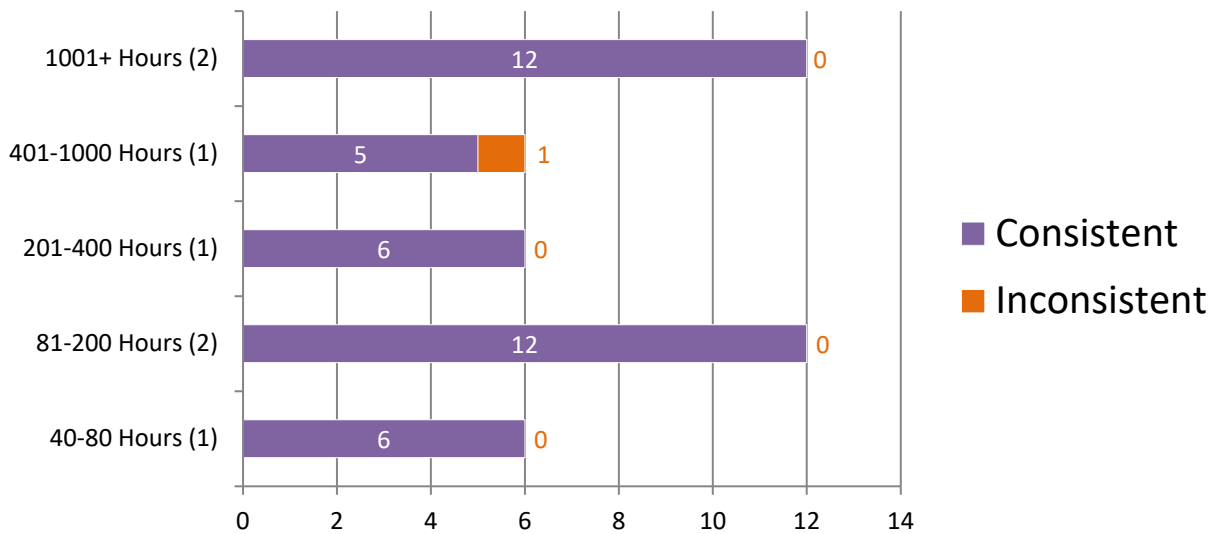
*Numerical values shown are based on **7 participant submissions, each with 6 responses, equaling 42 total responses.** *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 8

Percentage of Participants Based on Hours of Footwear Training Completed



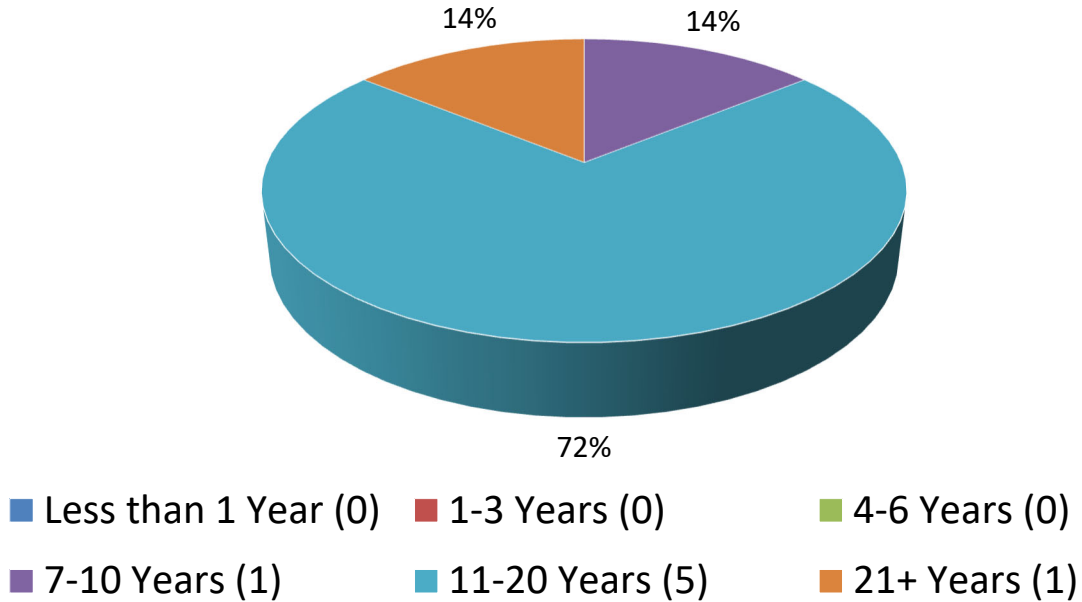
Consistent vs Inconsistent Responses Based on Hours of Footwear Training Completed



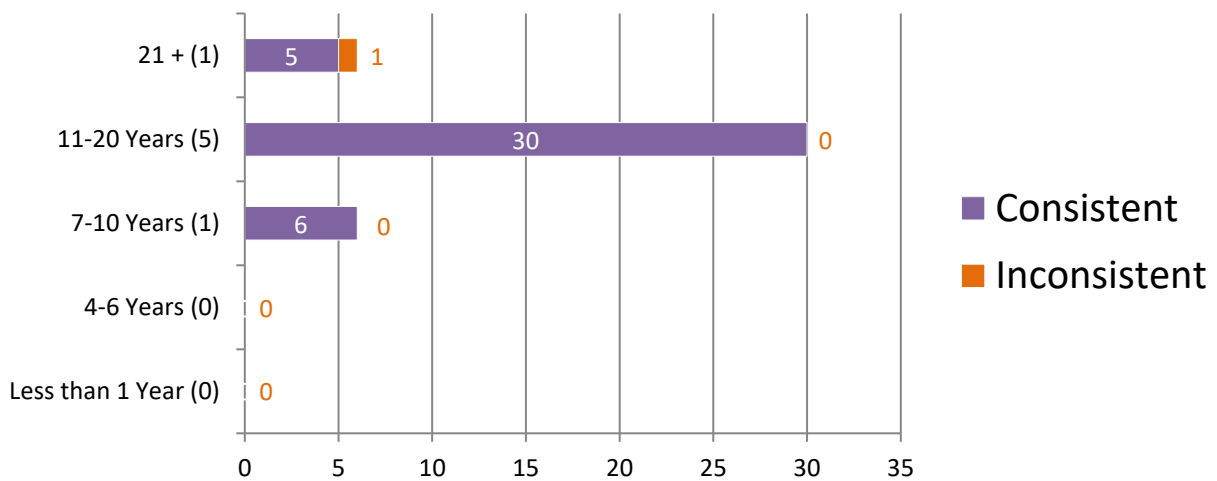
*Numerical values shown are based on **7 participant submissions**, each with **6 responses**, equaling **42 total responses**. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 9

Percentage of Participants Based on Years of Experience in Footwear Examinations



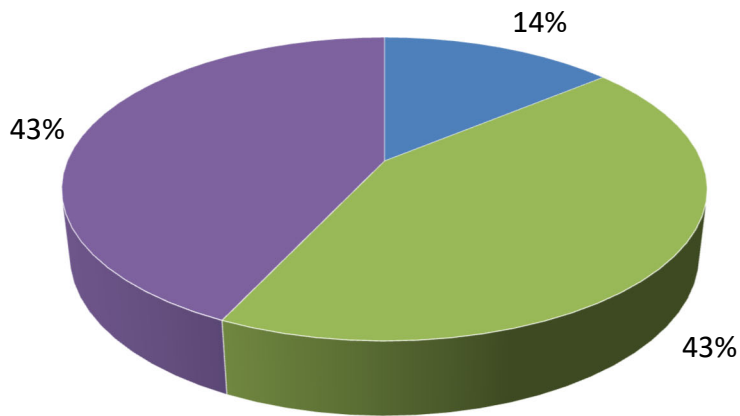
Consistent vs Inconsistent Responses Based on Years of Experience in Footwear Examinations



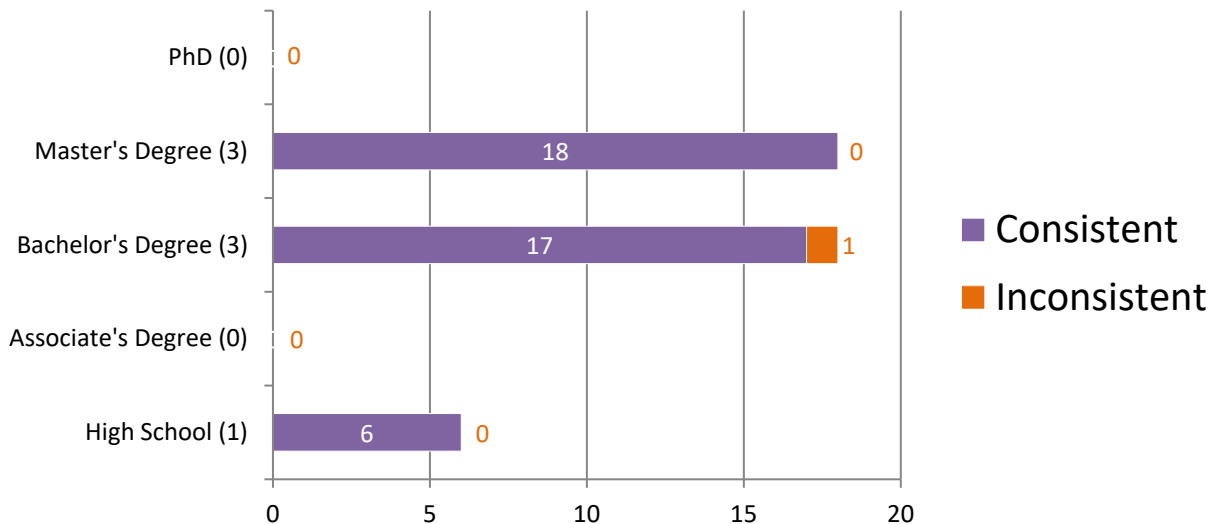
*Numerical values shown are based on **7 participant submissions, each with 6 responses, equaling 42 total responses**. *For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

Appendix 10

Percentage of Participants Based on Highest Level of Education Completed

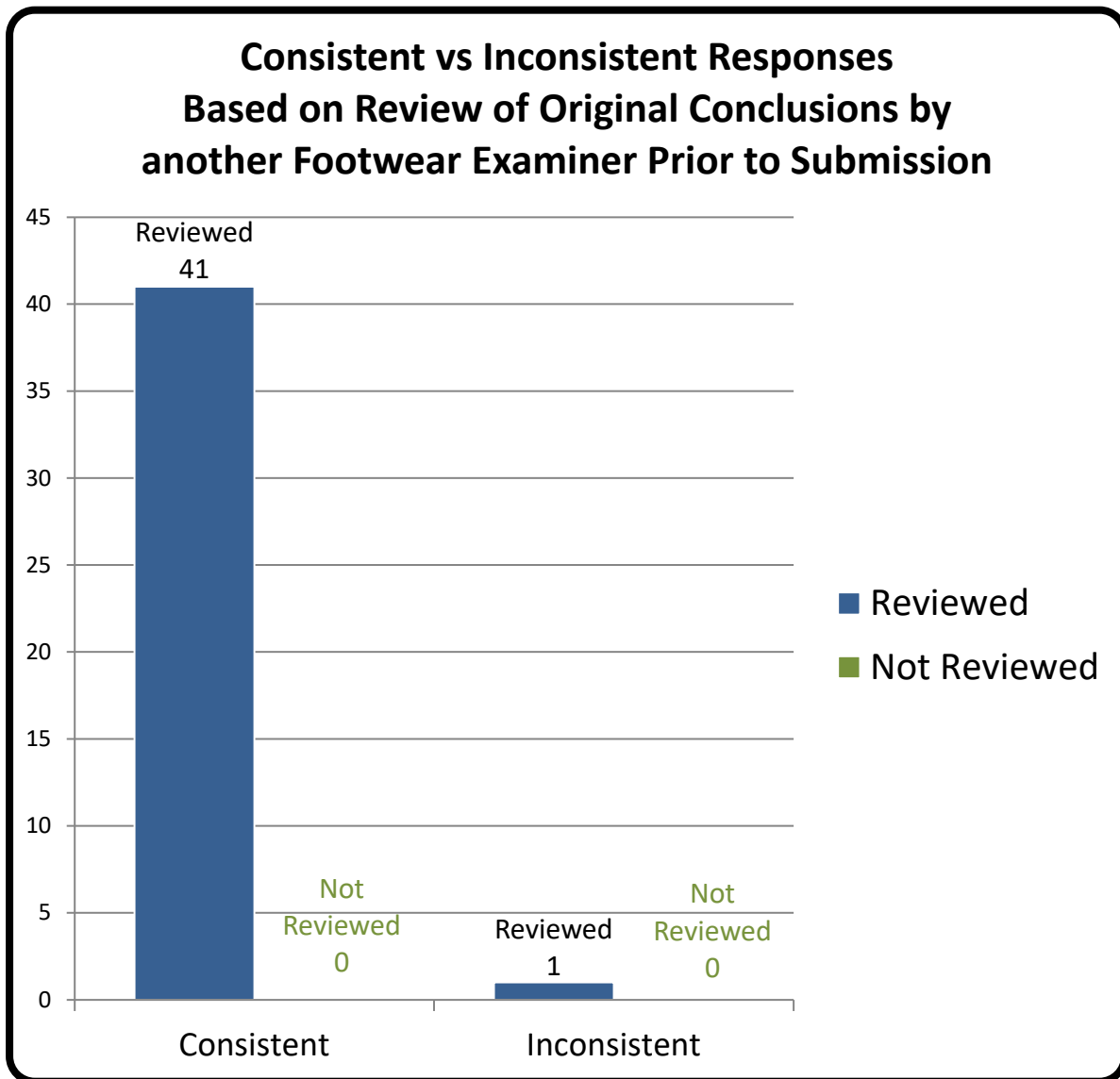


Consistent vs Inconsistent Responses Based on Highest Level of Education Completed



*Numerical values shown are based on **7 participant submissions, each with 6 responses, equaling 42 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 6 responses, equaling 42 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	Q-5	Q-6	
Assigned Values	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1	
Test Code	1291C19302	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1
	3647U19302	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1
	6627Y19302	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1
	6474Y19302	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1
	1957B19302	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1
	3730S19302	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	EXC
	2921H19302	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1

Totals

Questioned Impression #	Q-1	Q-2	Q-3	Q-4	Q-5	Q-6
Assigned Values	ID K-3	ID K-1	ID K-3	ID K-2	ID K-4	ID K-1
Consistent Responses	7	7	7	7	7	6
Inconsistent Responses	0	0	0	0	0	1
Percentage of Consistent Responses	100%	100%	100%	100%	100%	86%

Participant's Additional Comments

Test ID	Comments
6627Y19302	I didn't mark any results as "Inconclusive", but I do want to comment that the resolution of these images were not ideal. I'm not sure if it was intentional, or if the portal played a part, but the resolution of the latents were only 360 ppi. It was not high enough to zoom in to see all the detail in the latent print.

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: November 26, 2019