



Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

Summary Report

Fall 2019 Latent Print Processing Proficiency Test #19502

Issued: November 20, 2019

On August 26, 2019, Ron Smith and Associates, Inc. (RS&A) shipped the 2019 Fall Latent Print Processing Proficiency Test #19502. Participants were required to submit their responses no later than September 30, 2019 in order for them to be included in this summary report.

A total of 72 tests were ordered and shipped, with 58 participants returning their responses. **This summary report is based on 232 individual responses (58 participants returning 4 responses each).** The test included four items for latent print processing.

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, by internal and external consensus, to be either "positive" or "negative" for friction ridge detail. In designing this proficiency test, it is understood that sometimes friction ridge detail may be present on an item during the manufacturing process. For this reason, all items are cleaned prior to being included in a test. Because of the latent nature of the prints, it is possible that some portions of friction ridge detail can be missed in the cleaning process. To satisfy this condition for the test, all developed friction ridge detail has to be photographed in order to be given credit. If the photograph is accepted, the participant will be given credit for the friction ridge development in instances when the expected answer was negative.

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 at testing@ronsmithandassociates.com or call toll free at 1-866-832-6772.

Appendix 1

Test Manufacturer's Information

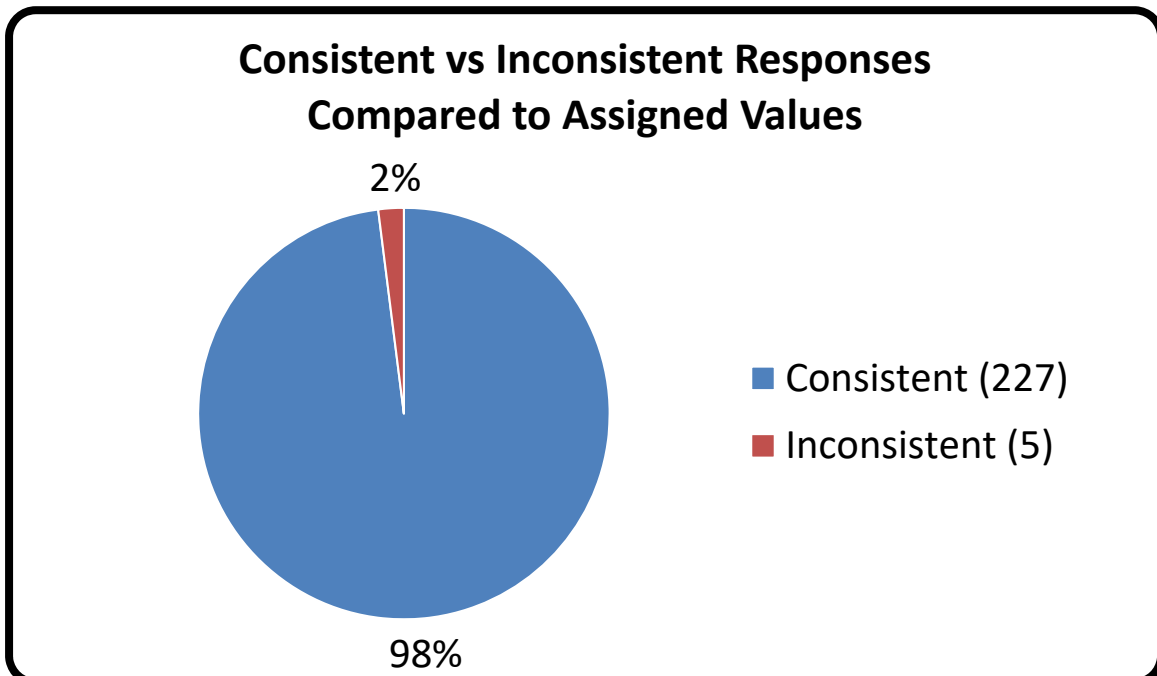
Fall 2019 Latent Print Processing Proficiency Test #19502

The test consisted of four items for latent print processing. The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing. The assigned values are:

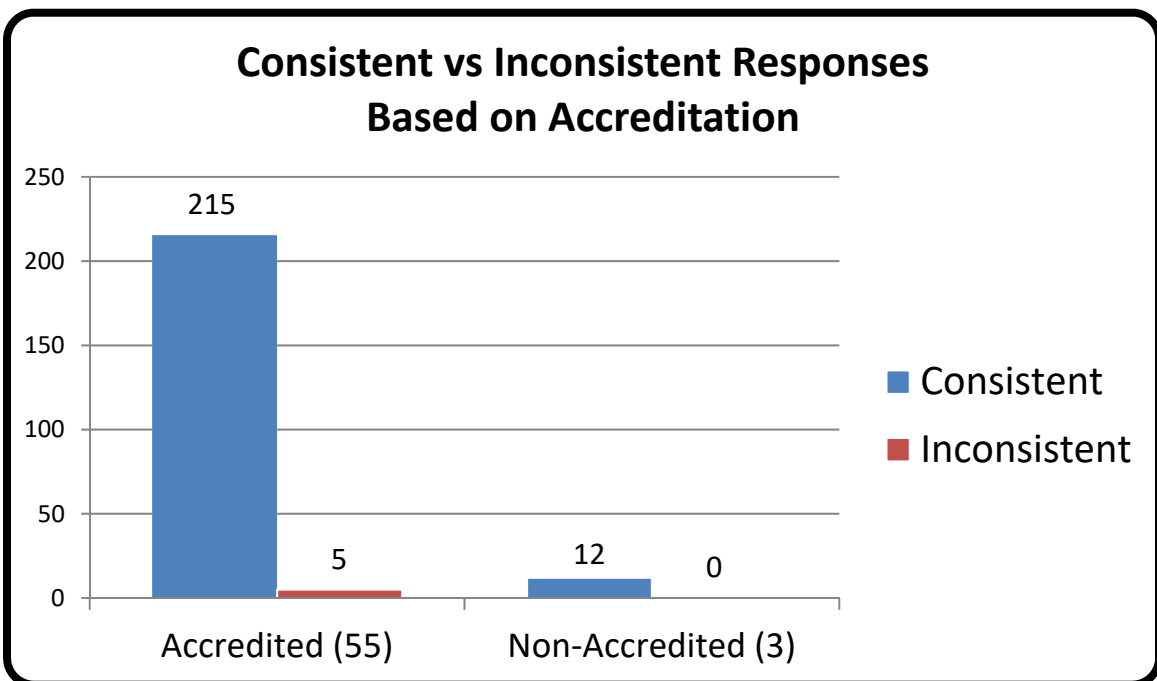
Item #	Assigned Value
Item #1 (Flashlight)	Ridge Detail Was Not Developed Or Ridge Detail Was Developed– Supported with Electronically Captured Image
Item #2 (Battery)	Ridge Detail Was Developed– Supported with Electronically Captured Image
Item #3 (Knife)	Ridge Detail Was Not Developed Or Ridge Detail Was Developed– Supported with Electronically Captured Image
Item #4 (Paper)	Ridge Detail Was Developed– Supported with Electronically Captured Image

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

Appendix 2



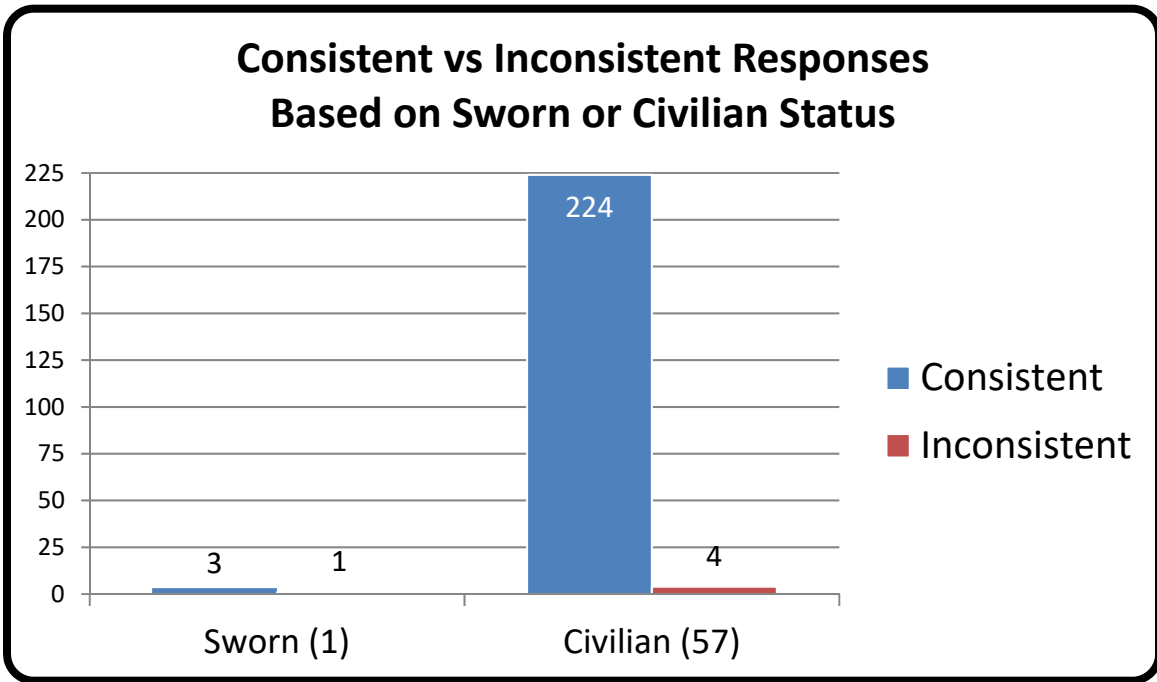
Appendix 3



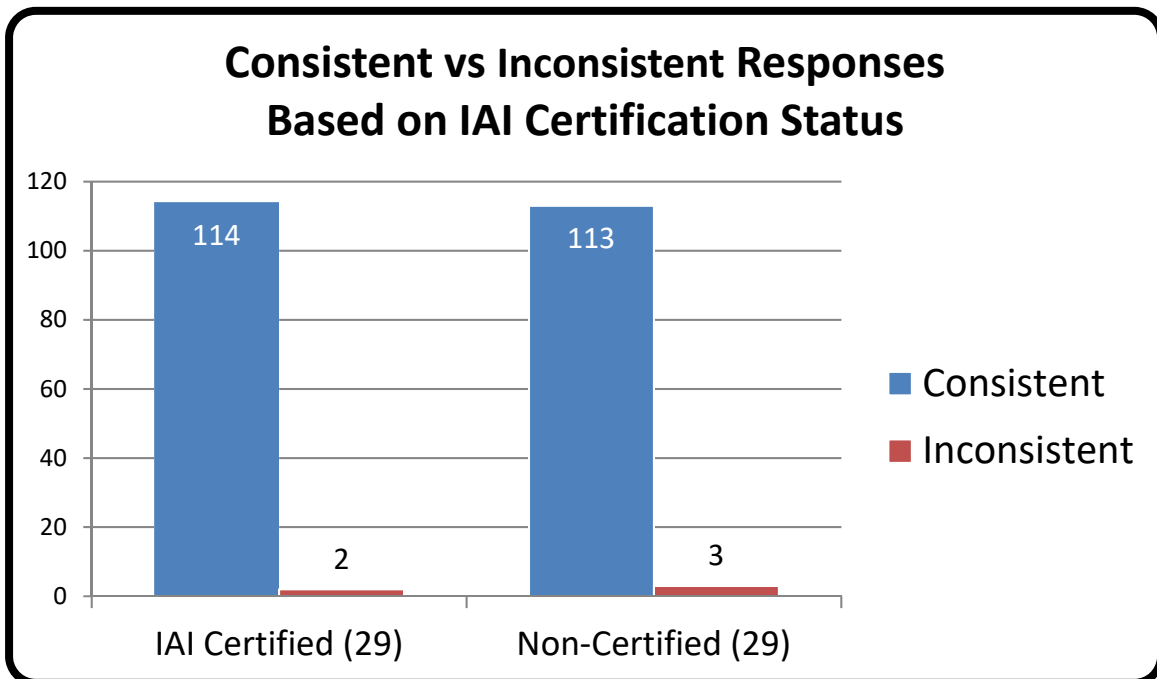
*Numerical values shown are based on **58 participant submissions** equaling **232 total responses**.

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

Appendix 4



Appendix 5

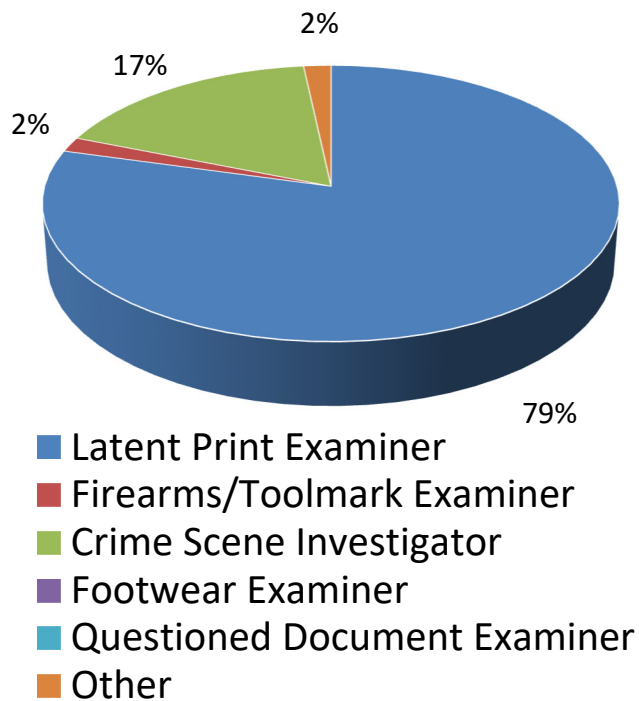


*Numerical values shown are based on **58 participant submissions** equaling **232 total responses**.

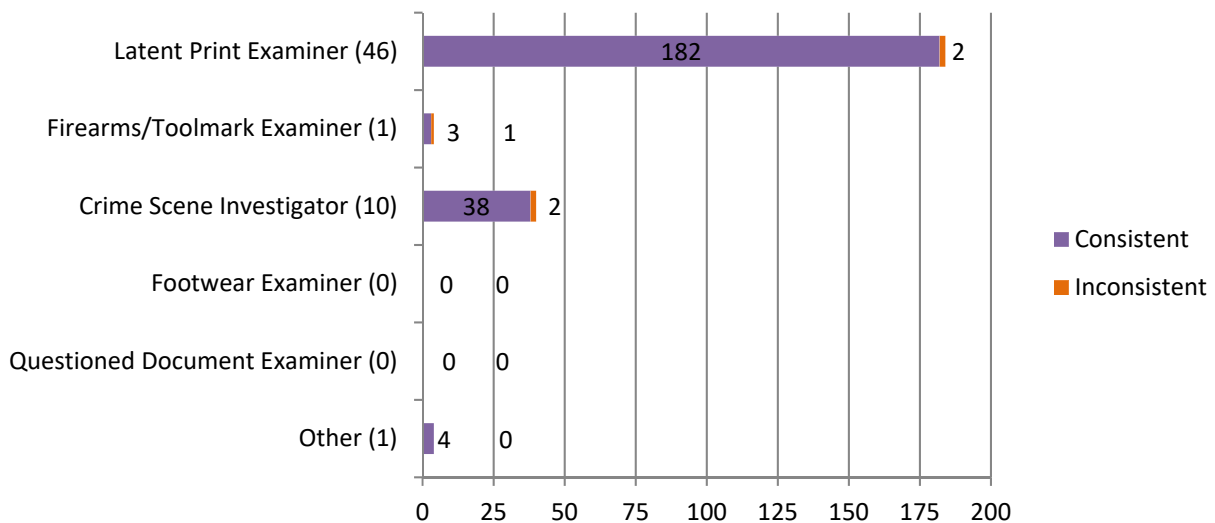
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 6

Percentage of Participants Based on Primary Job Position



Consistent vs Inconsistent Responses Based on Primary Job Position

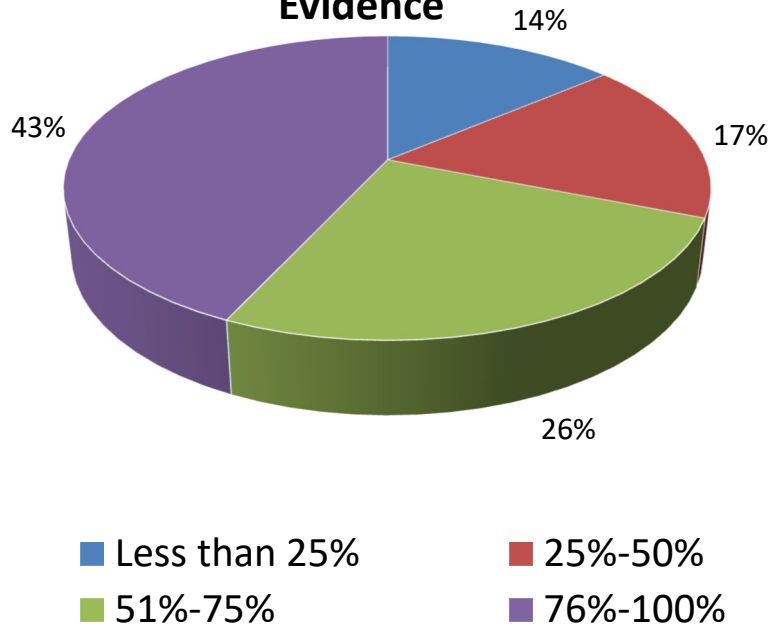


*Numerical values shown are based on **58 participant submissions** equaling **232 total responses**.

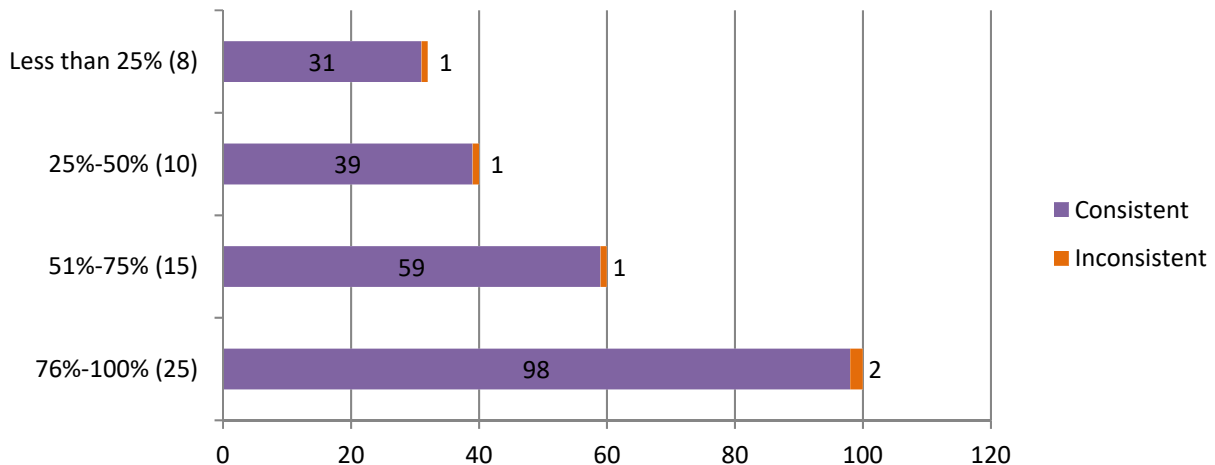
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 7

Percentage of Participants Based on Time Devoted to Examination and Processing of Latent Print Evidence



Consistent vs Inconsistent Responses Based on Time Devoted to Examination and Processing of Latent Print Evidence

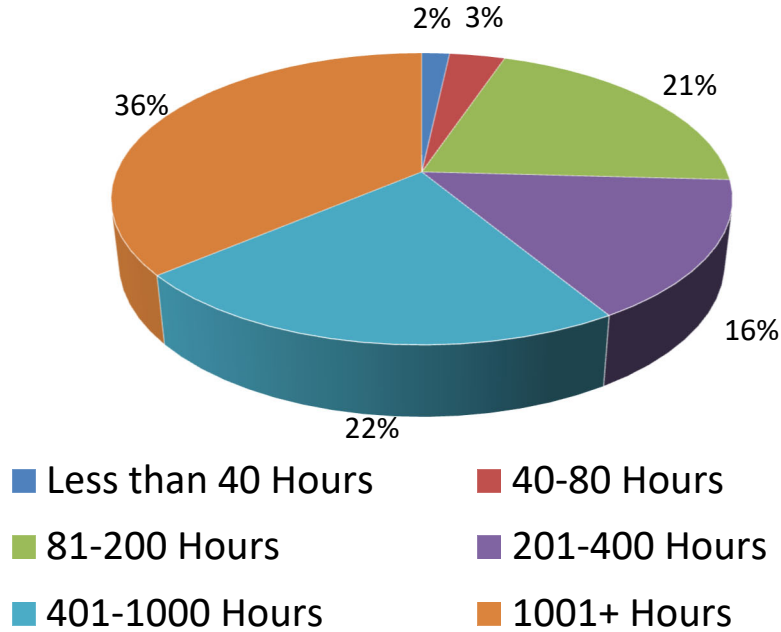


*Numerical values shown are based on **58 participant submissions** equaling **232 total responses**.

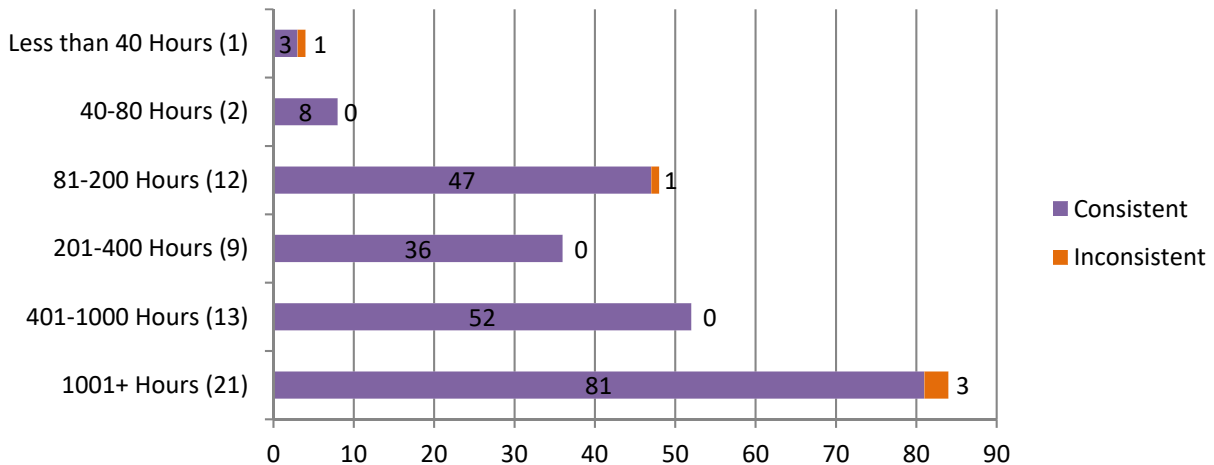
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 8

Percentage of Participants Based on Hours of Latent Print Processing Training Completed



Consistent vs Inconsistent Responses Based on Hours of Latent Print Processing Training Completed

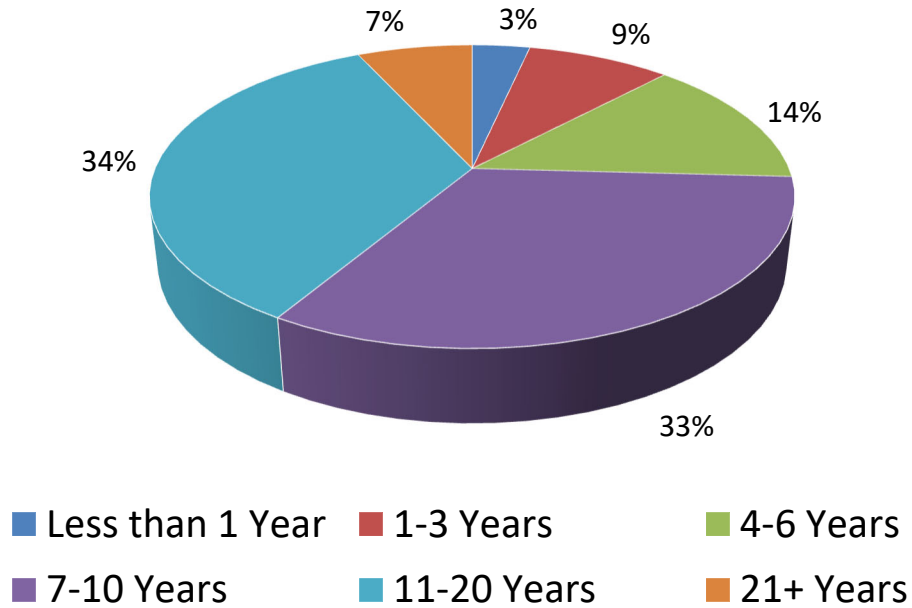


*Numerical values shown are based on **58 participant submissions** equaling **232 total responses**.

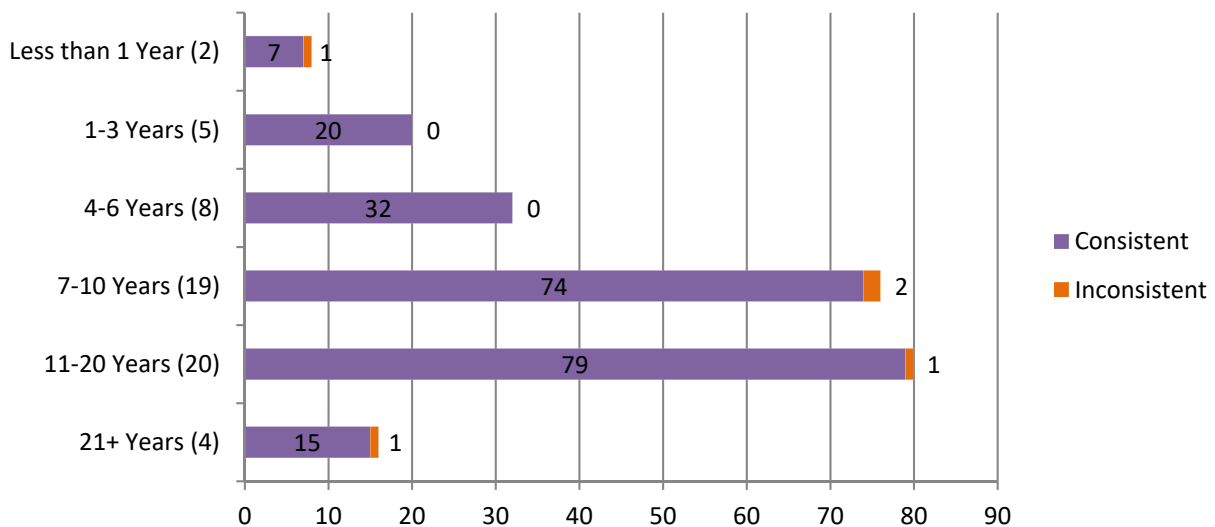
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 9

Percentage of Participants Based on Years of Experience in Latent Print Processing



Consistent vs Inconsistent Responses Based on Years of Experience in Latent Print Processing

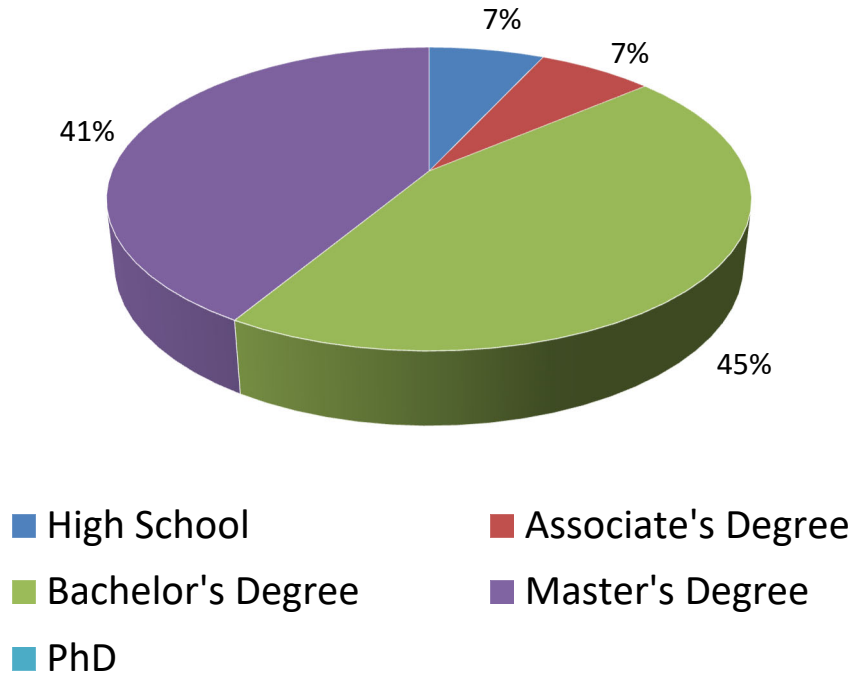


*Numerical values shown are based on **58 participant submissions** equaling **232 total responses**.

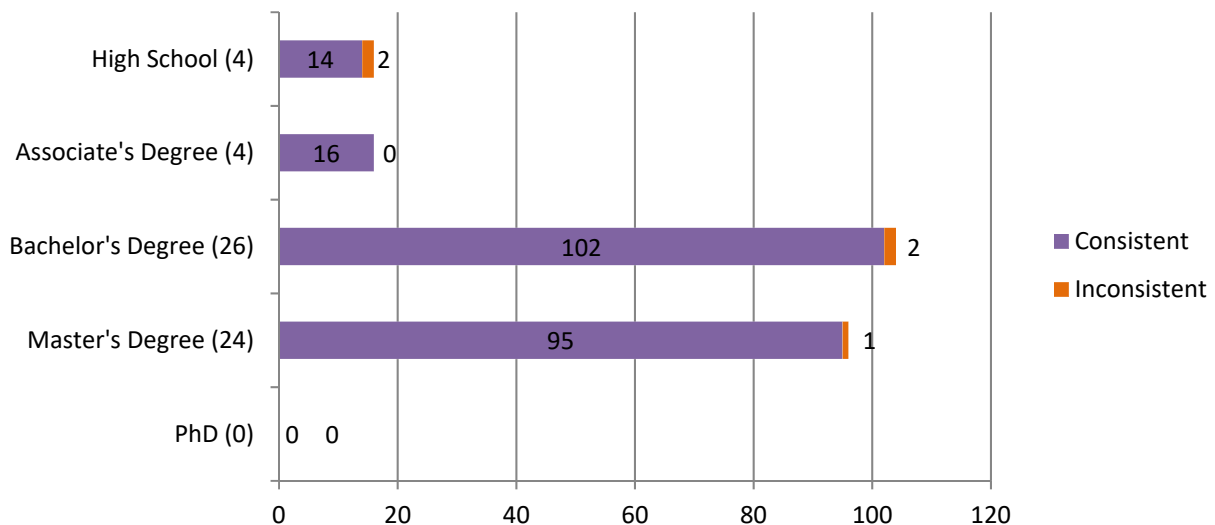
*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

Appendix 10

Percentage of Participants Based on Highest Level of Education Completed



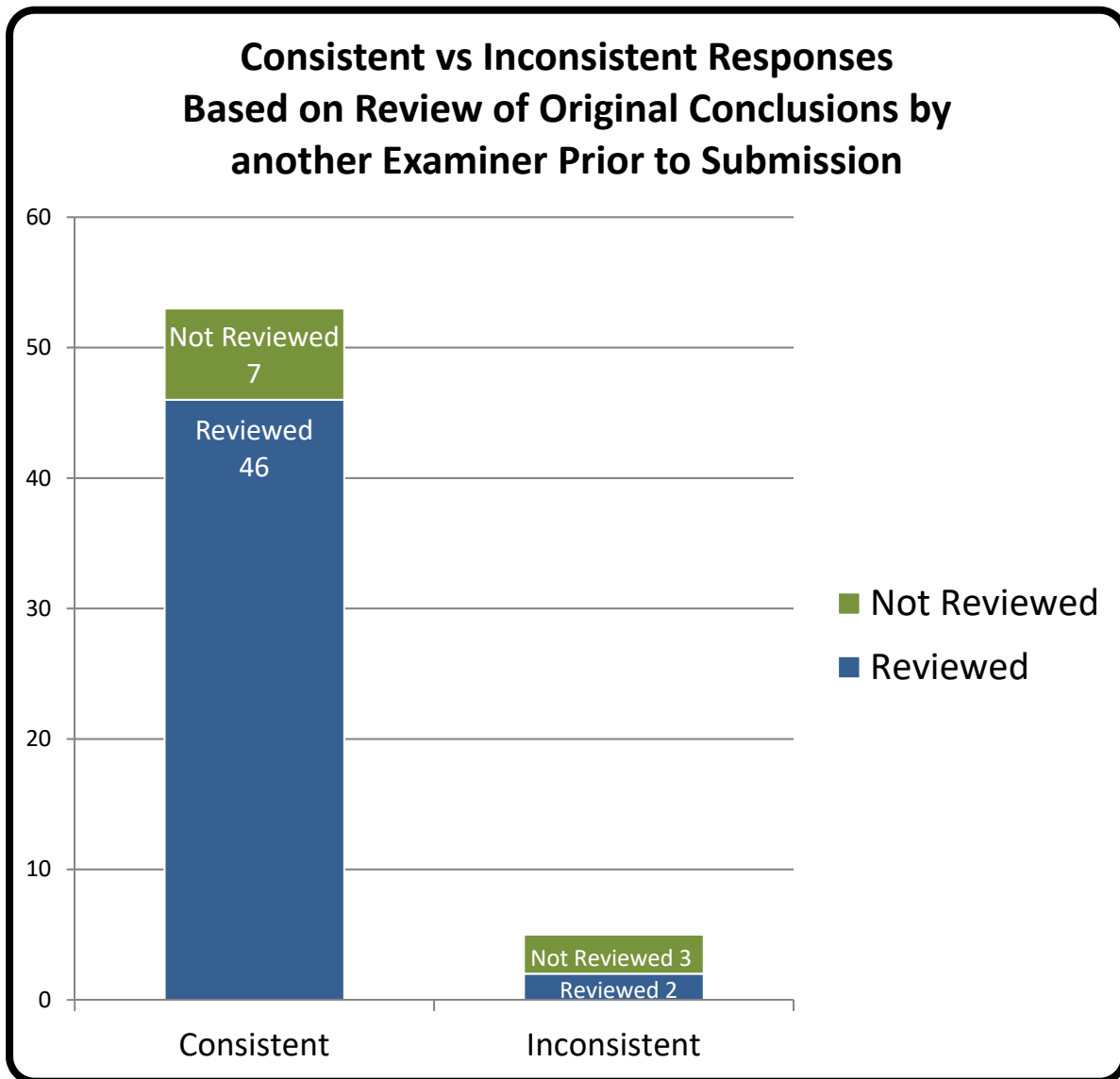
Consistent vs Inconsistent Responses Based on Highest Level of Education Completed



*Numerical values shown are based on **58 participant submissions** equaling **232 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 **58 participant submissions** equaling **232 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

Item #	Item #1	Item #2	Item #3	Item #4
Assigned Values	Friction Ridge Detail <u>Was Not Developed</u> or Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u> or Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>
7063S19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
3080F19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
1229O19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
4849K19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
6797M19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
3587T19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
4855Y19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
6068S19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
1968A19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
2829N19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
5747X19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
5805S19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>

Test Code

Item #	Item #1	Item #2	Item #3	Item #4
Assigned Values	Friction Ridge Detail <u>Was Not Developed</u> or Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u> or Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>
63H19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
7957U19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>
2575T19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
6775Q19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
2396U19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
7791F19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
5852N19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
9733Z19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>
7205C19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>
5396E19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
1445Q19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
9841E19502	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Developed</u> and supported by photo	Friction Ridge Detail <u>Was Developed</u>
4943Q19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>
8306S19502	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>	Friction Ridge Detail <u>Was Not Developed</u>	Friction Ridge Detail <u>Was Developed</u>

Test Code

Item #	Item #1	Item #2	Item #3	Item #4
Assigned Values	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
1859U19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
1663H19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
1727B19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
7665B19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
9183B19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
814H19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
4283K19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
8505C19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
1348W19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
1945T19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
2157O19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
2738J19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
2806H19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
3008R19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed

Test Code

Item #	Item #1	Item #2	Item #3	Item #4
Assigned Values	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
3602D19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
4772G19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
4906M19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
4998M19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
5073I19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
5170E19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
5629I19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
6121V19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
6159A19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
689U19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
7001W19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
7023Z19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
8340F19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed
8759M19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed

Test Code

	Item #	Item #1	Item #2	Item #3	Item #4
	Assigned Values	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
Test Code	895Q19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
	9651N19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
	9741R19502	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
	9782I19502	Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed	Friction Ridge Detail <u>Was</u> Developed

Totals

Item #	Item #1	Item #2	Item #3	Item #4
Assigned Values	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed	Friction Ridge Detail <u>Was Not</u> Developed or Friction Ridge Detail <u>Was</u> Developed and supported by photo	Friction Ridge Detail <u>Was</u> Developed
Consistent Responses	58	54	58	57
Inconsistent Responses	0	4	0	1
Percentage of Consistent Responses	100%	93%	100%	98%

Participant's Additional Comments

Test ID	Comments
3080F19502	Item 1 had a smudge on the exterior lens - this would be insufficient for collection. I did try to powder and lift for test purposes after superglue and nothing lifted. I did take two photos of the latent impression from item 4 (one pre steam and one post steam) but was unable to load more than one photo.
4849K19502	The friction ridge detail on item 1 was extremely faint and difficult to visualize in this particular test. The visibility of the print on item 1 varied widely among the examiners taking the test in our organization ranging from extremely clear ridge detail to barely visible.
6797M19502	Extremely low contrast ridge detail (barely visible) on exhibit 1 (flashlight). During technical review with other examiners it was observed that between the three tests taken, there was one test that had an extremely high contrast latent on this item. The other two tests contained very very little ridge detail on the item. We have not experienced this during technical review on a PT prior to this incident and are surprised/disappointed by the variability of the results given the same procedure, chemicals, equipment were used on each.
1968A19502	Item 1 has fabric/rope handle. Area of item not conducive for latent development. Item 2 has incorrect size battery in box. Battery is a AA not a AAA.
2829N19502	Item 1 processed taken apart. Item 2 was a AA battery, not AAA. It was received loose in the box. Not under strap. Item 3 - knife received open and processed open.
5805S19502	Item 1 - There were a few ridges developed after the Cyanoacrylate method was used it however did not show up on the photo. Item 2 is a AA battery not AAA. Item 2 came loose in the box not strapped in.
63H19502	Item 2 received in not properly secured. Item was inside of box not secured to zip tie. Item 2 listed as AAA battery, however upon initial examination of item it is instead a AA battery.
7957U19502	Item #2 came loose inside box container. Also, corrections were made *not AAA battery, corrected to AA battery.
2575T19502	Exhibit 1 - Visual - Fluorescent Light Exam - S/Glue Fuming - Dye-Stain. Exhibit 2 - Visual - Fluorescent Light Exam - S/Glue Fuming - Powder. Exhibit 3 - Visual - Fluorescent Light Exam - S/Glue Fuming - Dye-Stain - Solvent Black 3. Exhibit 4 - Visual - Fluorescent Light Exam - Indandione - Ninhydrin. Mark A visualised at Initial Laser Fluorescent exam and Indandione - best image Submitted Photo from Ninhydrin
6775Q19502	Noticed a little ridge detail on the flashlight and therefore photographed it, but did not think that this was supposed to be part of the test. For item 2, the item was listed as a AAA battery, but a AA battery was received for processing instead.
5852N19502	In the test it doesn't state in writing if ridge detail needs to be sufficient! If mark has to be identifiable, please take my result as negative for ridge development on item 1.
9733Z19502	I am not proficient in processing porous items. At FDLE if an item is able to be collected from a crime scene for processing at the crime lab by certified latent print analysts then that is what is done.
1445Q19502	The flashlight: there were two areas of friction ridge that developed. I only could

	upload one photo.
9841E19502	<p>Sequential processing was carried out on all items:</p> <p>Item 1: Vis, Laser, Poly + UV (CJ4 impression with Poly + UV)</p> <p>Item 2: Vis, Laser, Poly + UV, Black magnetic powder (CJ3 imp with Poly + UV, CJ3.1 imp with Black magnetic powder)</p> <p>Item 3: Vis, Laser, Poly + UV (CJ2 imp with Poly +UV)</p> <p>Item 4: Vis, Laser, DFO, Nin (CJ1 imp with Laser, CJ1.1 imp with DFO, CJ1.2 imp with Nin)</p> <p>While ridge detail was recovered on all items, not all detail would be sufficient for fingerprint comparison purposes.</p> <p>On a general note the cable ties were more secure than those we would receive with normal productions. It would have been easier if item were given descriptive names i.e. Flashlight 1 instead of Item 1</p>
1859U19502	The test was very understandable and packaged nicely. There was no guessing as to whether there was ridge detail or there wasn't, it was definitively there or not there and that was helpful.
1663H19502	On Exhibit 3, there was no latent print suitable for comparison. However, during the initial visual examination, ridge detail was noted on the metal portion near the handle.
1727B19502	The package was opened by the Cyprus Customs and all the exhibits were checked by the custom employees before we receive and examine them.
9183B19502	We would really want to be able to send in multiple images e.g. VIS, FLU, DFO, NIN for when we develop marks using multiple processes. We are required to have a PT assessed for each process in scope.
8505C19502	Although little ridge detail was developed on the blade of item #3, there was insufficient detail in order to identify or exclude, therefore, per CCPD FSU policy, I would conclude this print to be of NO VALUE.
5073I19502	Item 2 (battery) was not secured, and loose in original packaging.
7023Z19502	Ex. 4 Photo 2 is for Ex 1 JRH BY40 as this particular Exhibit had two (2) areas in which ridge detail was developed.
9651N19502	Small amounts of ridge detail developed on EX3
9741R19502	Item 2- Was loose rolling around inside the box.

Manufacturer's Additional Observations

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

1. There were only 5 inconsistent responses that could not be supported. These inconsistent responses were evenly spread out over all categories captured; therefore, informative or meaningful results could not be obtained.
2. When ridge detail was found on items that had an assigned value of "No Ridge Detail Developed", in all such instances a picture was provided to support that friction ridge detail was in fact present on the item. In these instances, RS&A accepted both answers as correct.

Authorized by: Ron Smith, President

Date of Issue: November 20, 2019