

## Ron Smith & Associates, Inc.

www.RonSmithandAssociates.com

### PLEASE NOTE:

- THIS DOCUMENT IS FOR TEST DEMONSTRATION PURPOSES ONLY.
- REPORTS AND REPORT DATA CONTAINED IN THIS DOCUMENT ARE FOR SAMPLE PURPOSES ONLY.

### RS&A CRIME SCENE LATENT PRINT PROCESSING PROFICIENCY TEST

- The (3) RS&A Crime Scene Tests are cycled on a set rotation:

#### CRIME SCENE PROCESSING TEST ROTATION



- Each test cost \$350.00 but RS&A offers deep discounts on multi-year commitment and test volumes of 5 or more. Call us today and get your custom quote pricing.
- The Latent Print Processing has at least 3 non-porous items of evidence.
- Participants are required to process the items for the presence of latent prints using any processing method they choose.
- Participant results are submitted using our easy online Results Entry Portal.
- Important cycle dates can be found online.

### IN THIS DOCUMENT YOU WILL FIND

- Instruction Sheet
- Images of Sample Proficiency Test.
- Manufacturer Report.
- Individual Report.
- Advanced Summary Report.

For additional information, questions, or to order RS&A Proficiency Tests contact:  
Lucas Hatcher, Sales and Marketing Director  
Phone: 1-866-832-6772  
Email: [testing@ronsmithandassociates.com](mailto:testing@ronsmithandassociates.com)

OR VISIT US ONLINE: [www.RonSmithandAssociates.com](http://www.RonSmithandAssociates.com)



**Ron Smith & Associates, Inc.**  
**Testing Division**

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**Instructions for CS Latent Print Processing Proficiency Test**

Test #XX60XLPP

Test Code: XXXXXXXXXXXX

Submission Due Date: MM/DD/YYYY

**Scenario:**

On December 15, 2019 a yellow Chrysler 300 was pulled over for....

Item #1 – One sealed brown paper bag containing a small ziploc type baggie

Item #2 – One sealed brown paper bag containing a small ziploc type baggie

Item #3 – One sealed cardboard box containing a razor blade

Item #4 – One sealed cardboard box containing a pill bottle



## **Instructions:**

Process the items of evidence for the presence of friction ridge detail. The Items in this test should be treated in the same manner as items typically encountered at the crime scene. A hard copy worksheet has been provided for the analyst's convenience. Once the test has been completed in its entirety, the results must be entered into the web portal for electronic submission.

Prior to distribution of this test, all of the expected responses were determined, by internal and external consensus, to be either "Friction ridge detail was developed" or "No friction ridge detail was developed".

For each item of evidence that is processed and determined that friction ridge detail is not present select the conclusion box labeled "friction ridge detail **was not** developed". For each item of evidence that is processed and determined that friction ridge detail is present select the conclusion box labeled "friction ridge detail was developed" and submit an electronically captured image of the developed print.

**After all processing examinations are complete, the results and all images of friction ridge detail that were developed and captured must be submitted via the RS&A Web Portal. The image(s) should not be larger than 10MB and should preferably be in .jpg format. Each image file name should include the Exhibit #.** The web portal can be accessed at: <http://www.ronsmithandassociates.com/proficiency/entryportal.html>. Click "Crime Scene Processing – Latent Print Processing" and you will be directed to log in by using the test code provided at the top of this document and the password that has been supplied to your agency. Prior to entering your results, you will be required to answer a few general demographic survey questions. Your responses and test results will be used to generate the summary report at the completion of this testing cycle. **RS&A will not use your results for any other purpose.** The RS&A Web Portal will save your responses as you enter them, allow you to work at your own pace, and if needed, complete your submission at a later time. **Both the Demographic Survey and the Results Entry Form must be completed in their entirety in order for RS&A to accept the test results.** There is an area for comments on the results form which will be published in the summary report. Comments are not required and are not considered as results, but are very much appreciated. Please take advantage of this opportunity to tell us what you liked about the test and what you wish we would change to make the test even better in the future. This test is designed for you, and you have the right to suggest improvements and let us know if we are meeting your needs. We look forward to, and very much appreciate your comments. If you are unable to submit your results via the RS&A Web Portal, please contact our Testing Division for alternate submission instructions.

In order for your results to be included in the final summary report for this test, responses must be received no later than **MM/DD/YYYY**

For any questions or inquiries concerning this test, please contact the Proficiency Testing Coordinator at 866-832-6772 or [testing@ronsmithandassociates.com](mailto:testing@ronsmithandassociates.com).

**CS Latent Print Processing Proficiency Test #XX60XLPP**  
**Demographic Survey**

1. If your agency is ISO/IEC accredited, to which standard(s) are they accredited?

- 17020     17025     Not Accredited

2. Is the individual assigned to this test civilian or sworn?

- Civilian     Sworn

3. Is the individual assigned to this test I.A.I. Certified in Crime Scenes?

- No     Yes, CSCSA     Yes, CCSA     Yes, CCSI

4. What is the primary job position of the individual assigned to this test?

- Crime Scene Examiner     Latent Print Examiner     Footwear Examiner  
 Firearms/TM Examiner     Other (specify): \_\_\_\_\_

5. Approximately, what percentage of the above referenced individual's time is devoted to the examination and processing of Crime Scenes?

- Less than 25%     25% to 50%     51% to 75%     76% to 100%

6. Approximately, how many hours of formal Crime Scene training has the above referenced individual completed?

- Less than 40 Hours     40-80 Hours     81-200 Hours  
 201-400 Hours     401-1000 Hours     1001+ Hours

7. How long has the above referenced individual been conducting Crime Scene processing?

- Less than 1 Year     1-3 Years     4-6 Years  
 7-10 Years     11-20 Years     21+ Years

8. What is the highest level of education that the above referenced individual has completed?

- High School     Associate's Degree     Bachelor's Degree  
 Master's Degree     PhD

9. Did your agency have the original participant's conclusions reviewed by another Crime Scene analyst(s)?

- Yes     No



## Consent to Release Results to Accrediting Bodies

### CS Latent Print Processing Proficiency Test #XX60XLPP

If your agency is accredited and would like for Ron Smith and Associates, Inc. to submit proficiency test data to your designated accrediting body, complete the form below. Results will not be submitted to an accrediting body unless the completed form is returned to RS&A by the results submission deadline of MM/DD/YYYY.

For this requirement, please submit the following information through the RS&A Web Portal. If for any reason you are unable to utilize the portal, please contact a member of our Testing Division at 1-866-832-6772 for alternate submission instructions.

By completing and submitting the applicable information below, you hereby **authorize** Ron Smith and Associates, Inc. to release the results of the above test to the appropriate accrediting body.

ANAB / ASCLD-LAB \_\_\_\_\_ A2LA \_\_\_\_\_ UKAS \_\_\_\_\_ OTHER (Define) \_\_\_\_\_

Certificate Number: \_\_\_\_\_

Laboratory Name: \_\_\_\_\_

Location (City/State): \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Example Results Form**

Item #	Conclusion Friction Ridge Detail <u>Was Not</u> Developed	Conclusion Friction Ridge Detail Was Developed*
Item #1	X	
Item #2		X
Item #3		X
Item #4	X	

\*When friction ridge detail is developed on an item, that image must be captured and submitted along with the results entry form.

RS&A PROFICIENCY TEST SAMPLE

**CS Latent Print Processing Proficiency Test #XX60XLPP**  
**Results Entry Form**

Item #	Conclusion Friction Ridge Detail <u>Was</u> <u>Not</u> Developed	Conclusion Friction Ridge Detail Was Developed*
Item #1		
Item #2		
Item #3		
Item #4		

**\*When friction ridge detail is developed on an item, that image must be captured and submitted along with the results entry form.**

Comments:

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**RON SMITH & ASSOCIATES, INC.  
PROFICIENCY TESTING**



[www.RonSmithandAssociates.com](http://www.RonSmithandAssociates.com)  
1-866-832-6772





## Ron Smith & Associates, Inc.

### Testing Division

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### Test Manufacturer's Information

#### CS Latent Print Processing Proficiency Test #XX60XLPP

The test consisted of three items labeled as Item #1 (Kitchen Knife Handle), Item #2 (Kitchen Knife Blade) and Item #3 (Plastic Cutting Board). The items were similar to those normally encountered in latent print casework. The participant was required to process the exhibits for the presence of friction ridge detail. The assigned values are as follows:

Item #	Assigned Value
Item #1	Friction Ridge Detail Was Developed – See Electronically Captured Image
Item #2	Friction Ridge Detail <b>Was Not</b> Developed
Item #3	Friction Ridge Detail Was Developed – See Electronically Captured Image
Item #4	Friction Ridge Detail <b>Was Not</b> Developed

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 mid MM/YYYY. The final summary report for this test will be posted on the Ron Smith and Associates website at <http://www.ronsmithandassociates.com/proficiency/crimesceneprocessing.html> by late MM/DD/YYYY.

For questions or further information, contact the Proficiency Testing Coordinator by emailing [testing@ronsmithandassociates.com](mailto:testing@ronsmithandassociates.com) or call toll free at 1-866-832-6772.

**Authorized by:** Ron Smith, President

**Issue Date:** MM/DD/YYYY



## Ron Smith & Associates, Inc.

### Testing Division

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### Individual Participant Report - Test Code: XXXXXXXX CS Latent Processing Proficiency Test #XX60XLPP

This proficiency test consisted of three items. The participant was required to process the items for the presence of friction ridge detail. Listed below are the responses submitted from the participant assigned to this test code as well as the assigned values for each of the items. The assigned values were generated from our ground truth information and pre-distribution testing.

Item #	Participant's Response	Assigned Value
Item #1	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was Developed – See Electronically Captured Image
Item #2	Friction Ridge Detail <b>Was Not</b> Developed	Friction Ridge Detail <b>Was Not</b> Developed
Item #3	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was Developed – See Electronically Captured Image
Item #4	Friction Ridge Detail <b>Was Not</b> Developed	Friction Ridge Detail <b>Was Not</b> Developed

Additional information about this test and the statistics obtained from all individuals that participated in this proficiency testing cycle will be provided in the summary report and will be available on our website late MM/YYYY.

If your responses are inconsistent with the assigned values, RS&A provides its participants with a process to file an appeal. To initiate an appeal, please submit the required information in writing using the form located at <http://www.ronsmithandassociates.com/proficiency/appealsform.html>.

RS&A maintains the confidentiality of all clients. All results are published using randomly generated test codes and passwords. We will not release the identity of any participant without the written consent of the participant.

For questions or further information, contact the Proficiency Testing Coordinator by emailing [testing@ronsmithandassociates.com](mailto:testing@ronsmithandassociates.com) or call toll free at 1-866-832-6772.

**Authorized by:** Ron Smith, President  
**Date of Issue:** MM/DD/YYYY

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### Summary Report

CS Latent Print Processing Proficiency Test #XX60XLPP  
Issued: MM/DD/YYYY

On MM/DD/YYYY, Ron Smith and Associates, Inc. (RS&A) shipped the CS Latent Print Processing Proficiency Test #XX60XLPP. Participants were required to submit their responses no later than MM/DD/YYYY in order for them to be included in this summary report.

A total of XXX tests were ordered and shipped, with XXX participant returning their responses. **This summary report is based on XXXX individual responses (XXX participants returning XXX 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](mailto:testing@ronsmithandassociates.com) or call toll free at 1-866-832-6772.

## Appendix 1

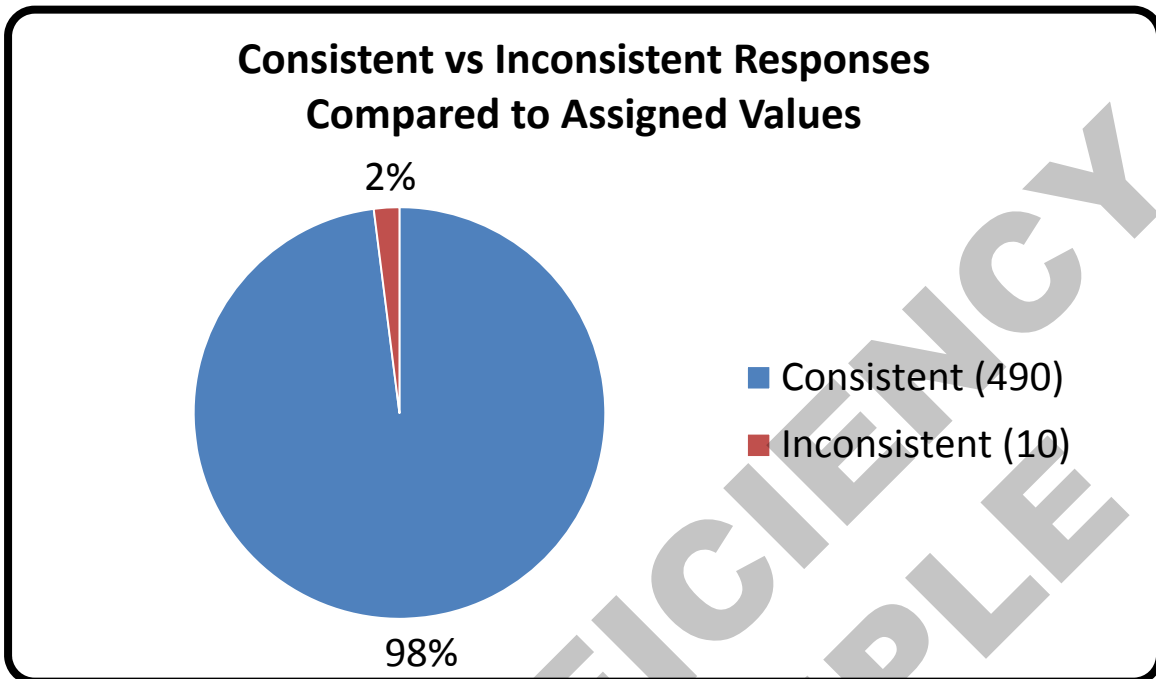
### Test Manufacturer's Information

#### CS Latent Print Processing Proficiency Test #XX60XLPP

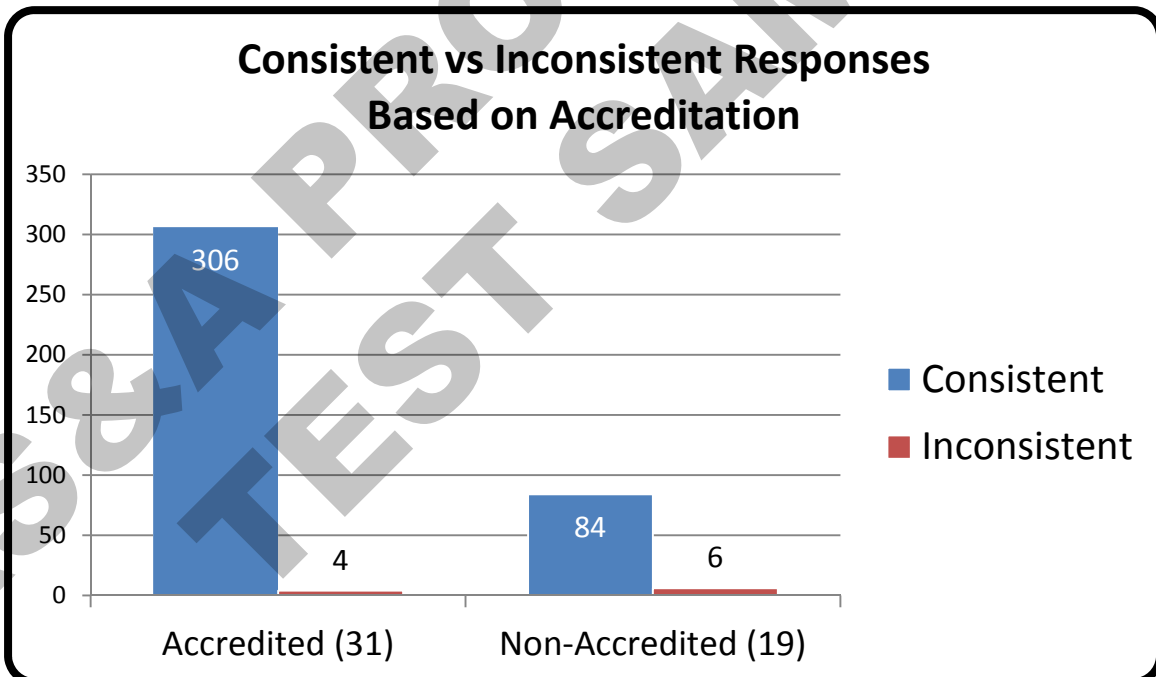
The test consisted of three items for latent print processing. The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing. The assigned values are:

Item #	Participant's Response	Assigned Value
Item #1	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was Developed – See Electronically Captured Image
Item #2	Friction Ridge Detail <b><u>Was Not</u></b> Developed	Friction Ridge Detail <b><u>Was Not</u></b> Developed
Item #3	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was Developed – See Electronically Captured Image
Item #4	Friction Ridge Detail <b><u>Was Not</u></b> Developed	Friction Ridge Detail <b><u>Was Not</u></b> Developed

## Appendix 2



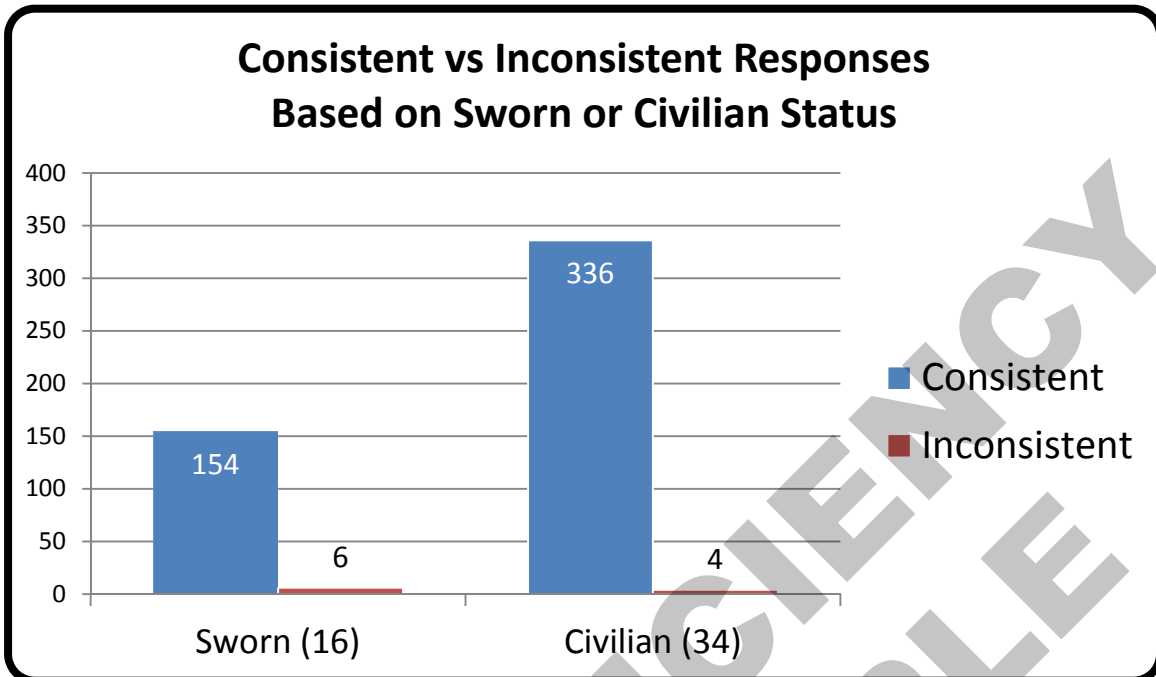
## Appendix 3



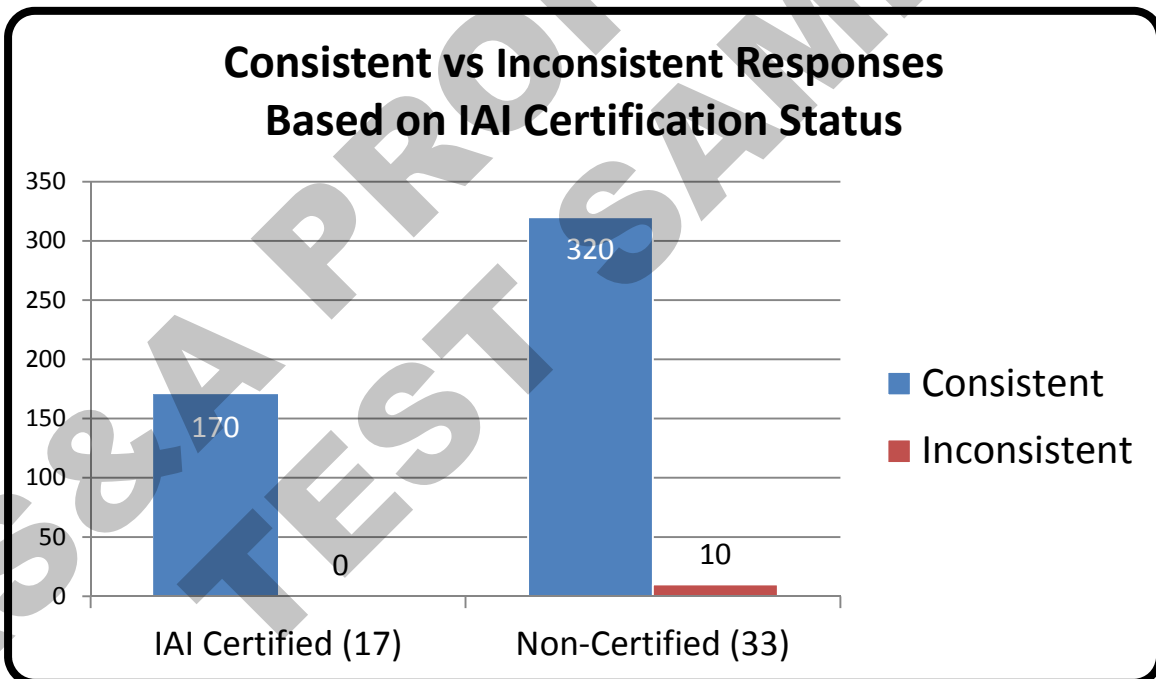
\*Numerical values shown are based on **100 participant submissions** equaling **1,000 total responses**.

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

## Appendix 4



## Appendix 5

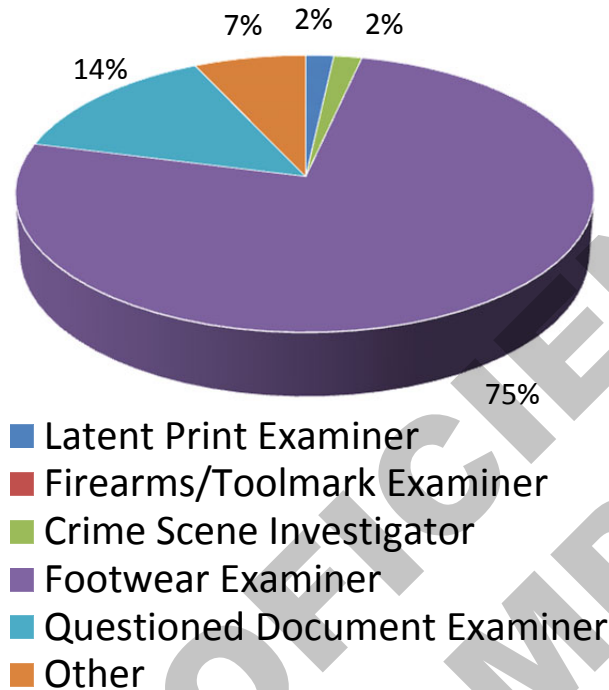


\*Numerical values shown are based on **100 participant submissions** equaling **1,000 total responses**.

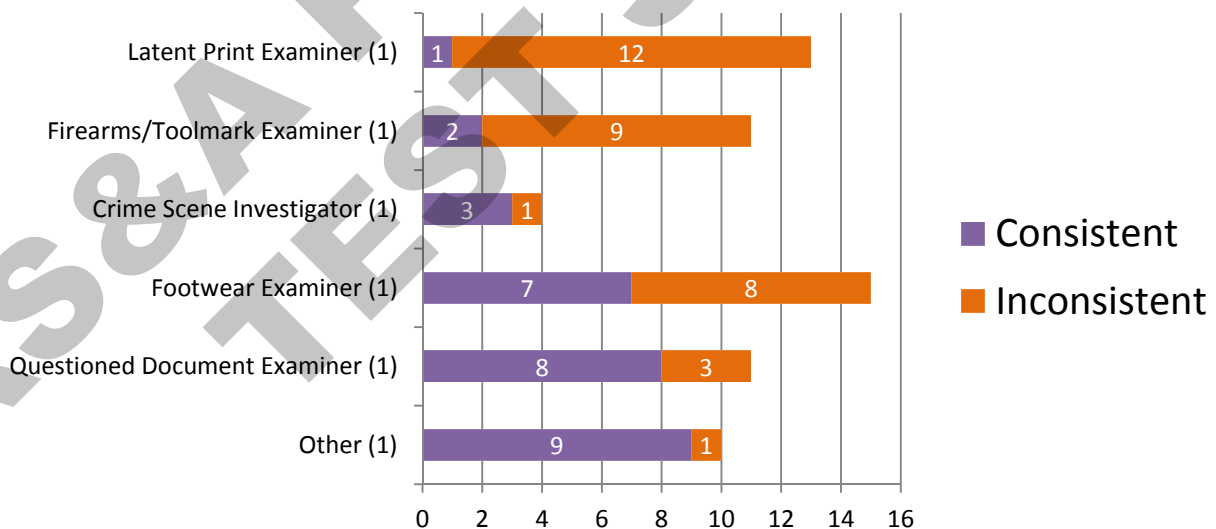
\*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

## Appendix 6

### Percentage of Participants Based on Primary Job Position



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

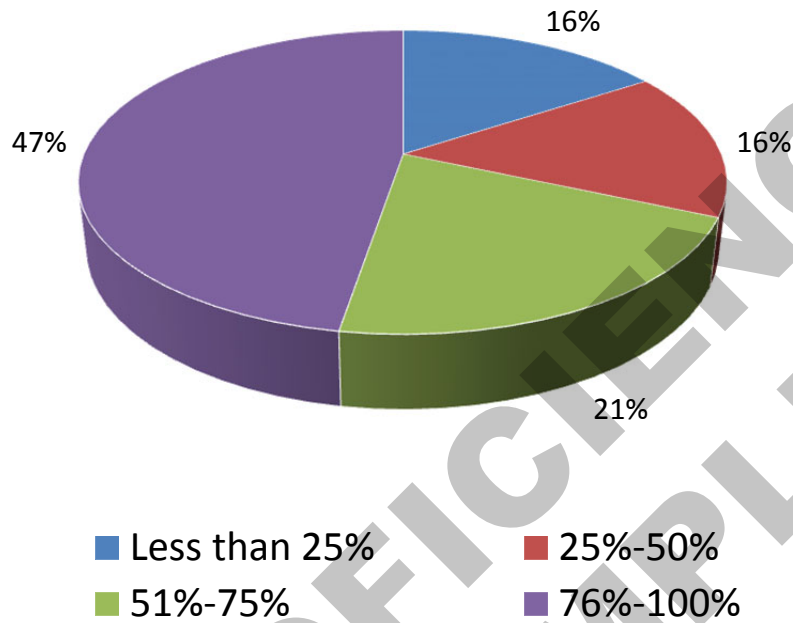


\*Numerical values shown are based on **100 participant submissions** equaling **1,000 total responses**.

\*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 CS Processing of Evidence



### Consistent vs Inconsistent Responses Based on Time Devoted to CS Processing of Evidence



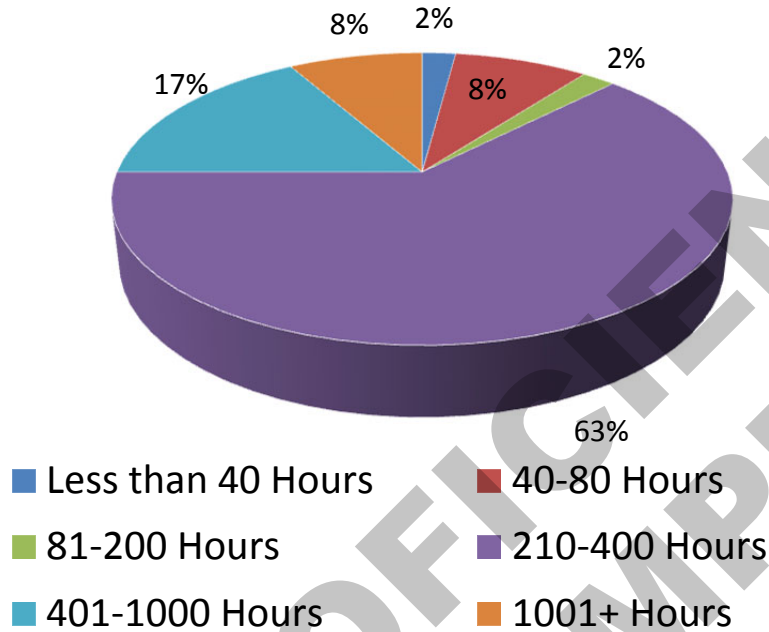
\*Numerical values shown are based on **100 participant submissions** equaling **1,000 total responses**.

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

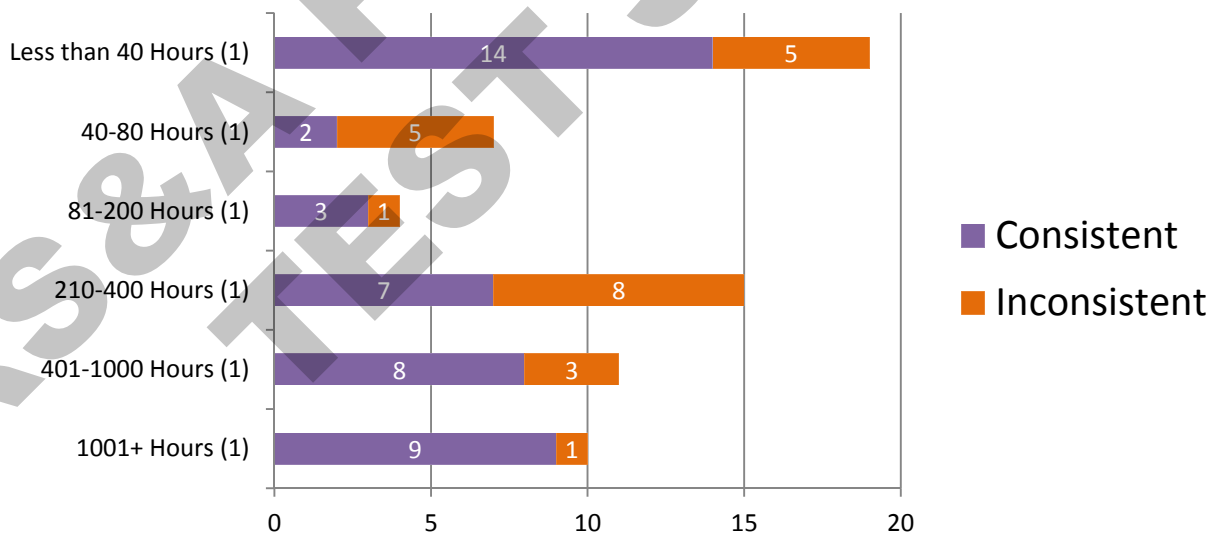


## Appendix 8

### Percentage of Participants Based on Hours of CS Processing Training Completed



### Consistent vs Inconsistent Responses Based on Hours of CS Processing Training Completed

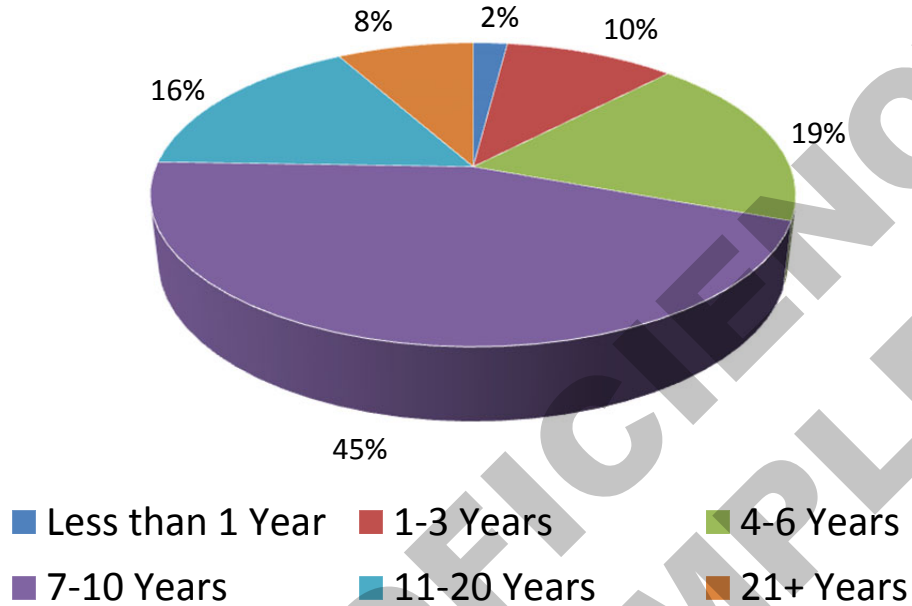


\*Numerical values shown are based on **100 participant submissions** equaling **1,000 total responses**.

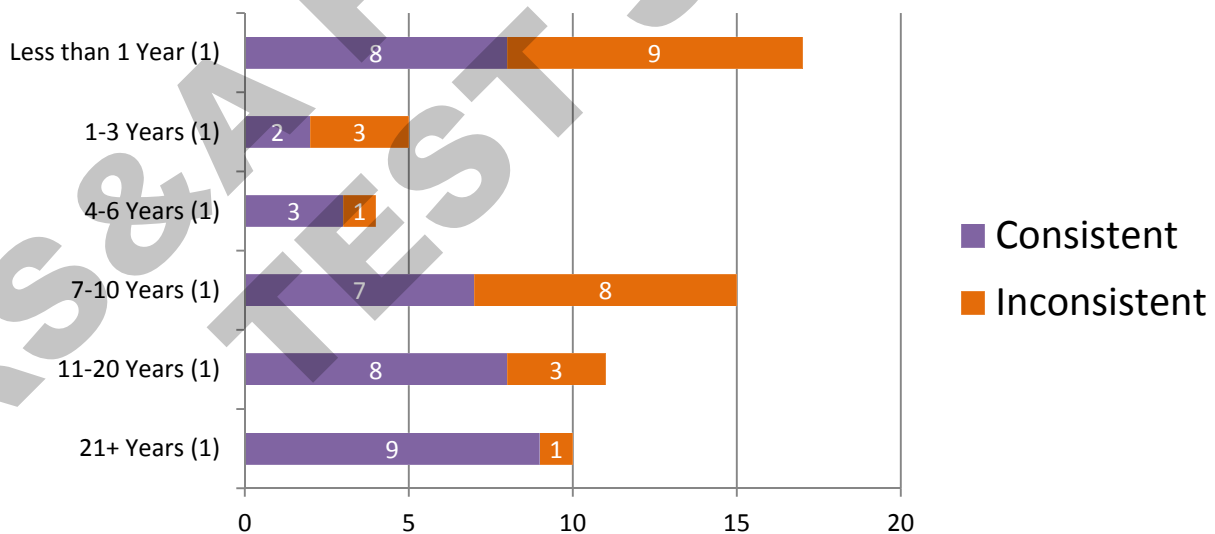
\*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

## Appendix 9

### Percentage of Participants Based on Years of Experience in CS Processing



### Consistent vs Inconsistent Responses Based on Years of Experience in CS Processing

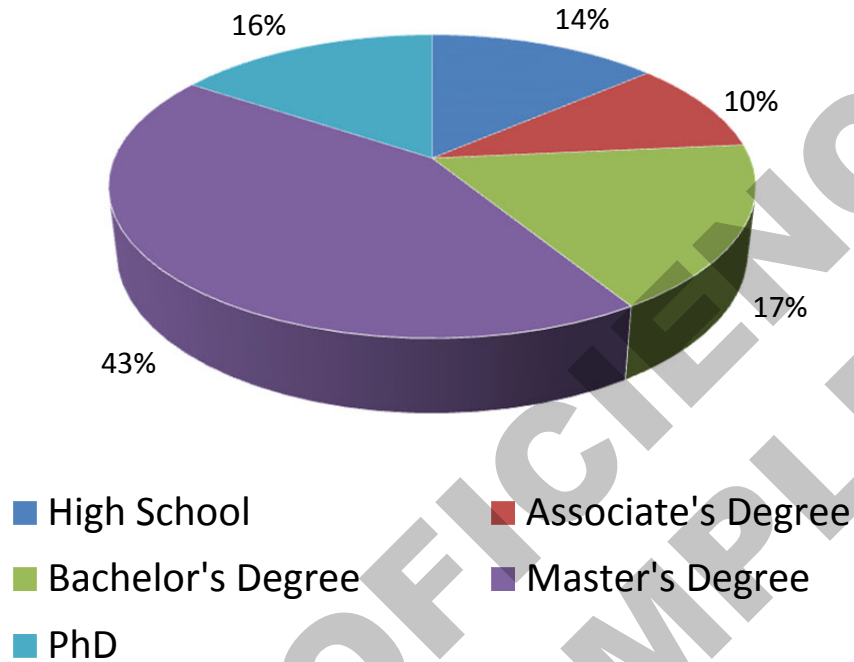


\*Numerical values shown are based on **100 participant submissions** equaling **1,000 total responses**.

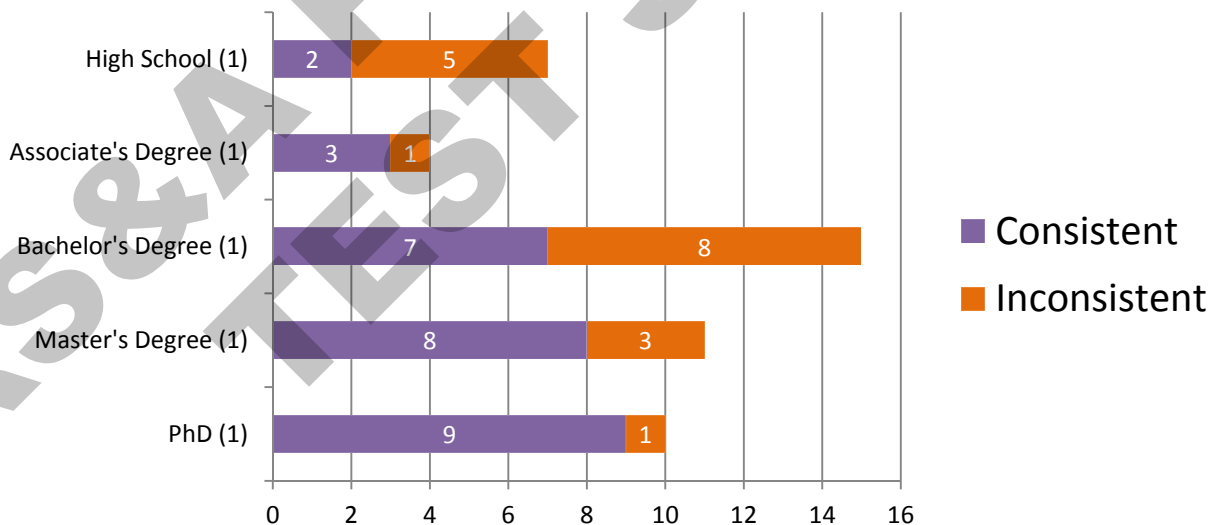
\*For further information, please read **Manufacturer's Additional Observations** on the final page of this report.

## Appendix 10

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



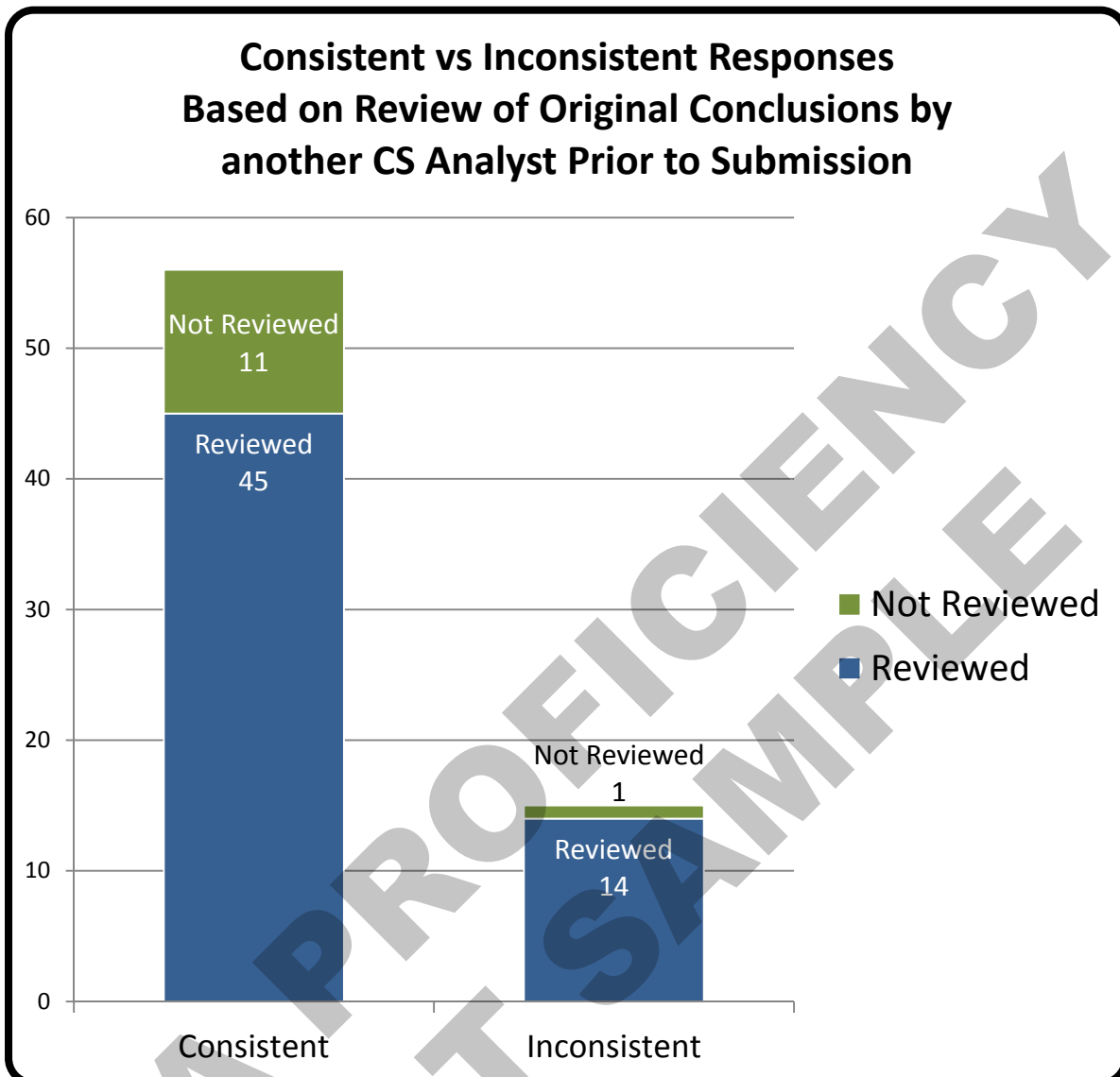
### Consistent vs Inconsistent Responses Based on Highest Level of Education Completed



\*Numerical values shown are based on **100 participant submissions** equaling **1,000 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 **100 participant submissions** equaling **1,000 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
<b>Assigned Values</b>	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was <u>Not</u> Developed	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was <u>Not</u> Developed
<b>Test Code</b>	XXXXXXXXXX	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was <u>Not</u> Developed

### Totals

Item #	Item #1	Item #2	Item #3	Item #4
<b>Assigned Values</b>	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was <u>Not</u> Developed	Friction Ridge Detail Was Developed – See Electronically Captured Image	Friction Ridge Detail Was <u>Not</u> Developed
<b>Consistent Responses</b>	0	0	0	0
<b>Inconsistent Responses</b>	0	0	0	0
<b>Percentage of Consistent Responses</b>	100%	100%	100%	100%

## Participant's Additional Comments

Test ID	Comments
	There were no additional comments.

## Manufacturer's Additional Observations

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

1. Regardless of experience, training, certification, accreditation or employment status, no erroneous identifications were submitted.
2. Only 2 erroneous exclusions were submitted and these were both submitted by non-certified civilian latent print examiner(s) who had received less than 80 hours of formal training and who work in a non-accredited laboratory.
3. Of the 18 total inconsistent submissions, 12 of these involved "inconclusive" decisions in which "Exclusion" was the assigned value. The use of a formal "Exclusion" decision remains somewhat new to a majority of latent print examiners in the field and is not a required conclusion in a significant number of laboratories.

**Authorized by:** Ron Smith, President

**Date of Issue:** MM/DD/YYYY