Purpose:

To establish a validation procedure for chemicals/techniques being introduced to the latent print unit as a new method of enhancing/developing friction ridge detail. Additional guidance is located in GL-22 (Policy on Validation and Performance Checks).

Responsibility:

Latent Print Examiners

Procedure:

1. Chemicals/Reagents

Any new chemical/reagent being introduced to the latent print unit as a new method of developing or enhancing friction ridge detail will first be validated prior to actual use on case work.

Validation may include the following substrates: porous materials, non-porous materials, adhesive surfaces and/or bloody surfaces. If the new method is substrate specific, then only that particular substrate will be tested.

a. Examples of Porous Materials

1. Copy Paper
2. News Paper
3. Brown Paper Bag
4. Craft or Wrapping Paper
5. Plain Envelope
6. Manila Envelope
7. Cardboard
8. Wood

b. Examples of Non-Porous Materials

1. Glass
2. Plastic
3. Glossy Materials (photo etc)
4. Back Side of Tape
5. Metal
6. Painted Material

c. Examples of Adhesives Surfaces

1. Scotch Tape
2. Duct Tape
3. Masking Tape
4. Electrical Tape

2. DNA Sensitivity

The TL of the DNA Unit will be contacted regarding the proposed chemical/technique and its effect in regards to DNA testing. It should be determined if there is literature/research available regarding the use of a proposed chemical/technique and its effect on DNA testing. If there is literature/research available, this will be included in the validation plan. Depending on the literature/research, this will determine whether internal DNA testing is needed.