



STANDARD OPERATING PROCEDURE

Powdering and Lifting of Commercial Magnetic Powders

Please read COSHH forms and the relevant MSDS prior to commencement of this procedure.

MATERIALS REQUIRED

Magnetic Fingerprint Powders (all commercial)

PROCEDURE

1. Using a magnetic wand / brush pick up the correct amount of powder. Excess powder can be tapped off the brush if needed.
2. The powder is gently applied to the substrate in a light gliding motion with the strands of powder hanging down onto the surface. Any developed ridge detail can be enhanced by re-powdering. Over powdering and damage can occur to the developed fingerprint if there is heavy brushing or the wand touches the surface of the substrate.
3. The fingerprint is developed to the optimum amount of detail and any excess powder that has not adhered to the surface can be picked up by waving an empty magnetic wand near the powder.
4. Lifting tape is readied by the removal of the backing tape and held by the edges.
5. The lifting tape is applied to the surface of the substrate over the developed ridge detail. Care should be taken to apply the tape without leaving many air pockets trapped between the substrate and the tape.
6. Once the tape has been applied, light pressure can be applied to any visible ridge detail to help the tape adhere to the powder. The tape can also be left for a few minutes to help the adhesive bind to the powder.
7. The lifting tape is then removed from the surface by finding the edge and very gently lifting.
8. If any significant ridge detail remains, a fresh lifting tape can be applied to the same area again and lifted again.