



General Guidelines

Collection of Ignitable Liquid Residue Samples

1. Collect the Sample Properly

- Use latex gloves, clean tools, and a new metal paint can
- Keep container sealed—open only at the point of collection at the scene
- Collect from the most productive location:
 - *Adsorbent materials: carpeting and padding, soft woods, fabric from clothes, linens, drapes, paper, and soil
 - *Protected surfaces: seams, joints, and cracks

2. Take Comparison Samples when Possible

- Collect samples of uncontaminated substrate material (material which is the same as the questioned burned substrate but which the investigator believes does not bear added ignitable liquids)

3. Package the Sample Properly so it is Preserved

- Fill metal paint can no more than 2/3 full with debris sample, leaving 1/3 headspace for vapors
- Fill each can from a scene uniformly
- Fill out artifact label located on outside of can
- Submit samples and completed ILR Artifact Transfer Form to Crane Engineering