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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 1579.3-2019

**Forensic sciences - Specifications for collection of printed
samples - Part 3: Printed document**

法庭科学 印刷文件检验样本提取规范 第3部分：打印文件
(English Translation)

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Foreword

- Part 1. Seals and seals;
- Part 2. plate-making printing documents;
- Part 3. print files;
- Part 4. Copy documents;
- Part 5. Fax documents;
- Part 6. Other printed documents.

This section is drafted in accordance with the rules given in GB/T 1.1-2009.

This section is proposed and managed by the National Criminal Technical Standardization Technical Committee Document Inspection Sub-Technical Committee (SAC/TC179/SC10).

This section was drafted. Hubei Police Officer College, Ministry of Public Security Material Identification Center, Wuhan Public Security Bureau, Hubei Provincial Public Security Department.

1 Scope

This section specifies the extraction principles, extraction requirements, and precautions for the inspection samples of printed documents in the field of forensic science.

This section applies to the extraction of printed document inspection samples in forensic science.

2.1 Authenticity

Sample extraction should be authentic and reliable to ensure that the source of sample extraction is clear.

2.2 Adequacy

The number of samples extracted is sufficient to reflect the type and individual characteristics of the printed file.

2.3 Comparability

2.3.1

The extracted samples should be complete and clear, with obvious features, and can be compared.

2.3.2

Samples should be taken at the same time as the inspection materials, especially the type of paper, layout, font, font size, and color of the inspection materials.

Color, shade, zoom, paper direction and other similar or similar samples; if necessary, experimental samples can also be extracted.

3 Extraction requirements

3.1

The sample taken shall be the original.

3.2

Experimental sample extraction.

a) The test sample should be as close as possible to the test materials in the paper type, graphic layout, font, font size, color and other elements.

Consistent

b) if necessary, blank experimental samples can be extracted;

c) When necessary, the maximum print size experimental samples can be extracted;

d) When necessary, you can choose different operating systems, office software, printing modes, output methods, printing order and other conditions Extract experimental samples;

e) The number of experimental samples taken under each condition should not be less than 3.

3.3

When extracting samples of needle punch or sublimation print files, the replacement print head, ribbon and other parts should be extracted; inkjet print files when the sample is extracted, the replacement inkjet head (box) and other parts should be extracted; when the laser print document is sampled, the replaced Drums, toner cartridges, etc.

4 Notes

4.1

Samples of printed documents should be kept in their original appearance, and destructive fixing methods such as pasting, plastic packaging, folding, and binding should not be used.

At the same time prevent pollution and confusion.

4.2

Sample extraction should be recorded and identified, and sealed with suitable packaging bags (boxes).

4.3

The extraction records shall include (but not limited to) the condition of the printing equipment (brand, model, repair, maintenance or replacement records, etc.), Extraction unit, extraction person, extraction place and extraction time, etc.

4.4

If conditions permit, the sample extraction process can be fixed by taking photos (videos).