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**CERTIFICATION AND ACCREDITATION INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

RB/T 060.7-2023

**Guidance on the implementation of proficiency testing in
forensic science - Part 7: Digital evidence identification
(English Translation)**

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting:

This document is part 7 of RB/T 060 "Guidelines for the Implementation of Judicial Identification/Forensic Science Competency Verification": RB/T 060 has been published:

The following parts:

- Part 1: Forensic pathology identification;
- Part 2: Forensic clinical identification;
- Part 3: Forensic toxicology identification;
- Part 4: Document authentication;
- Part 5: Identification of audio and video materials;
- Part 6: Identification of vehicle speed in road traffic accidents;
- Part 7: Electronic data authentication:

Introduction

This document is the general requirements for electronic data identification in the field of forensic identification/forensic science of GB/T 27043 "General requirements for verification of conformity assessment capabilities" the proficiency testing activities in the field of forensic identification/forensic science belong to qualitative and interpretive proficiency testing activities:

The RB/T 060 series of documents provide guidance on key technical activities in the implementation of competency testing in each appraisal discipline/professional in this field:

This document is the 7th part of the RB/T 060 series of documents and is a practical guide

for the verification of electronic data authentication capabilities:

RB/T 060 is planned to consist of several parts:

Consists of 8 parts:

- Part 1: Forensic pathology identification;
- Part 2: Forensic clinical identification;
- Part 3: Forensic toxicology identification;
- Part 4: Document authentication;
- Part 5: Identification of audio and video materials;
- Part 6: Identification of vehicle speed in road traffic accidents;
- Part 7: Electronic data authentication;
- Part 8: Forensic DNA identification:

This document does not involve the management requirements for proficiency testing providers: For relevant content, please refer to GB/T 27043:

Forensic Science Competency Verification Implementation Guide Part 7: Electronic data authentication

1 Scope

This document provides resources for implementing electronic data authentication proficiency testing, the design of proficiency testing plans, proficiency testing items, and Guidance on the work instructions, competency assessment and proficiency verification reports of practitioners:

This document applies to the organization and implementation of electronic data authentication capability verification programs:

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document:

For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to this document:

GB/T 27043-2012 General requirements for capability verification for conformity assessment

3 Terms and definitions

The terms and definitions defined in GB/T 27043-2012 and the following apply to this document:

Extract, fix and restore electronic data, and check, verify, the process of identifying, judging, and issuing an appraisal conclusion:

proficiency testing

Inter-laboratory comparisons were used to evaluate the performance of participants according to pre-defined criteria:

[Source: GB/T 27043-2012, 3:7] 3.3 assignedvalue A value assigned to a specific property of a proficiency testing item:

[Source: GB/T 27043-2012, 3:1] 3.4 Samples, products, artifacts, reference materials/samples, equipment components, measurement standards, data sets, or other items used for proficiency testing information:

[Source: GB/T 27043-2012, 3:8] 3.5 an organization that has responsibility for all tasks in the establishment and operation of a proficiency testing scheme:

[Source: GB/T 27043-2012, 3:9]