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

GA/T 1087-2013

Trace identification in road traffic accidents

道路交通事故痕迹鉴定

(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 of Standardization Documents" drafted.

This document replaces GA/T 1087-2013 "Road Traffic Accident Trace Identification". Compared with GA/T 1087-2013, except for structural adjustment in addition to the adjustment and editorial changes, the main technical changes are as follows.

- a) Changed the scope of application of the standard (see Chapter 1, Chapter 1 of the 2013 edition);
- b) Changed the definition of road traffic accident trace identification (see 3.1, see 2013 edition 3.1);
- c) Added the terms and definitions of object, marking object, bearing object, deformation and damage (see 3.2, 3.2.1, 3.2.2, 3.3, 3.4);
- d) The terms and definitions of dent deformation, bending deformation, twisting deformation, defect, and integral separation marks are deleted (see the 2013 edition of 3.2~3.6);
- e) Changed the definition of scratch marks (see 3.5, 3.7 of the 2013 edition);
- f) Changed the definition of delamination traces (see 3.6, 3.8 of the 2013 edition);
- g) Changed "trace identification" to "general principles and requirements", and incorporated the "general provisions" of the 2013 edition after changes (see Chapter 4, Chapter 4 of the 2013 edition);
- h) The identification of vehicle body traces, the identification of human traces, the identification of traces of road environment and other objects has been deleted (see 4.2~2013 edition).
- i) Changed "Comprehensive Evaluation" to "Appraisal Process", and included "Confirmation", "Negative" and "Uncertain" in the 2013 edition (see Section 5 Chapter,

Chapter 5 of the 2013 edition);

j) Changed "appraisal opinion" to "representation of opinion", and included "determination", "exclusion" and "uncertainty" in the 2013 edition Chapter 6, Chapter 6 of the 2013 edition);

k) Deleted Appendix A (see Appendix A of the 2013 edition).

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

1 Scope

This document specifies the general principles and requirements for the identification of road traffic accident traces, the identification process and the expression of opinions.

This document is applicable to the identification of traces of road traffic accidents, and the identification of traces of other related incidents can be implemented by reference.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GA/T 41 Investigation of Traces and Evidence at the Site of Road Traffic Accidents GA/T 49-2019 Road Traffic Accident Site Mapping GA/T 50 Road Traffic Accident Site Survey Photography GA/T 268 Road Traffic Accident Autopsy GA/T 944 Specification for identification, investigation and evidence collection of motor vehicle drivers in road traffic accidents GA/T 952 Forensic Science Motor Vehicle Engine Number and Frame Number Inspection Procedure GA/T 1497 Forensic Science Integral Separation Trace Inspection Terminology GA/T 1508 Technical Specification for Forensic Vehicle Tire Track Inspection SF/T 0072 General Specification for Physical Evidence Identification of Traces of Road Traffic Accidents SF/ZJD0101001 Appraisal of traffic behavior patterns of persons involved in road traffic accidents Notice of the Ministry of Justice on Issuing the Format of Forensic Authentication Documents (Sifatong [2016] No. 112) Circular of the Ministry of Public Security on Issuing the Rules for Appraisal of Public Security Organs and the Styles of Appraisal Documents (Gongtong Zi [2017] No. 6)

3 Terms and Definitions

GA/T 41, GA/T 952, GA/T 1497, GA/T 1508, SF/T 0072 and the following terms and definitions apply to this document.

Investigate, compare, analyze and judge the ground traces, vehicle body traces, human body traces and other traces in road traffic accidents, and the activity of making an

appraisal opinion.

Those who can prove the relevant facts of the traffic incident and need to use special scientific and technical methods for inspection and identification of persons, objects, etc. objectively exist.

[Source. GB/T 37234-2018, 3.6, with modifications] 3.2.1 toolcausingthemarks scar maker