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GA

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GA 50-2005

Photographing for road traffic accident scenes

交通事故勘验照相

(English Translation)

Issued on: January 1, 1970 **Implemented on: January 1, 2020**

Issued by: Ministry of Public Security

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard replaces GA 50-2014 "Road Traffic Accident Site Survey Photography". Compared with GA 50-2014, except for editorial changes in addition, the main technical changes are as follows.

--- Modified the standard name (see cover, cover of 2014 edition);

--- Modified the scope of application of the standard (see Chapter 1, Chapter 1 of the 2014 edition);

--- Added normative references (see Chapter 2, Chapter 2 of the 2014 edition);

--- Modified the terms and definitions of road traffic accident scene elements (see 3.2, 3.2 in 2014 version);

---Modified the English interpretation of the comparison camera (see 3.8, 3.8 in 2014);

--- Added the main body of road traffic accident scene investigation and photography (see 4.1);

--- Modified the basic principles of road traffic accident site investigation and photography (see 4.2, 4.1 in 2014 version);

--- Added equipment requirements for multi-rotor unmanned aircraft (see 4.3);

--- Increased the requirement of using photographs to make real scene pictures (see 4.5);

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--- Deleted the ratio photography in the general requirements (see the 2014 version 4.5);

--- Amended the requirements for marking ground trace physical evidence before shooting (see 4.7, 4.6 in the 2014 edition);

--- Increased the requirements for investigation and photography when trace physical evidence is covered (see 4.9);

--- Modify the supplementary shooting requirements restricted by environmental conditions (see 4.10, 2014 version 4.8);

--- Added the requirement to check and set the camera time information before shooting (see 4.11);

--- Modified the content of azimuth photography (see 5.1.1, 2014 version 5.1.1);

--- Modified the requirements for the framing range during azimuth photography (see 5.1.2.1, 5.1.2.1 in the 2014 edition);

--- Modified the shooting requirements for azimuth photography when the site is on the road (see 5.1.2.2, 5.1.2.2 of the 2014 edition);

--- Modified the shooting requirements for azimuth photography when the scene is at an intersection (see 5.1.2.3, 2014 version 5.1.2.3);

--- Increased the requirement for taking azimuth photos with multi-rotor unmanned aircraft (see 5.1.2.4);

--- Increased the requirement to use multi-rotor unmanned aircraft to take overview photos (see 5.2.2.4);

--- Modified the shooting content of the vehicle in element photography (see 5.4.1.2, 5.4.1.2 of the 2014 edition);

--- Modified the shooting content of road facilities in element photography (5.4.1.3, 2014 version 5.4.1.3);

--- Modified the shooting requirements of vehicles in element photography (see 5.4.2.2, 5.4.2.2 of the 2014 edition);

--- Modified the shooting requirements of road facilities in element photography (see 5.4.2.3, 5.4.2.3 of the 2014 edition);

--- Modified the requirements for shooting ground traces in element photography (see 5.4.2.4, 5.4.2.4 of the 2014 edition);

--- Modified the content of the vehicle traces and component conditions in the detailed photography (see 5.5.1.2, 5.5.1.2 in the 2014 version);

--- Modified the selection and placement requirements of scales in detail photography (see

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5.5.2.1, 5.5.2.1 of the 2014 edition);

--- Modified the shooting requirements of the subject in detailed photography (see 5.5.2.2, 2014 version 5.5.2.2);

--- Modified the content of the comparison camera (see 5.6.1, 2014 version 5.6.1);

--- Increased the requirements for the use of scales in comparison photography (see 5.6.2.3);

--- Removed the leader line in the main body of the photo volume of the traffic accident (see 6.1.2 of the 2014 edition);

--- Modify the requirements of the paper used in the text carrier (see 6.2.1, 6.2.1 of the 2014 edition);

--- Modified the layout and printing in the general requirements for photo volumes of traffic accidents (see 6.2.3, 6.2.3 of the 2014 edition);

--- Added photo layout content (see 6.3, 6.3 in 2014 version);

--- Removed the requirements for photo indexing in the production of photo albums for traffic accidents (see 6.5 in the 2014 edition);

--- Modify the requirements of the text description in the photo volume of the traffic accident (see 6.5, 6.6 in 2014 version);

--- Modify the archive of the photo volume of traffic accidents (see 6.6.2, 2014 version 6.7.2);

--- Modified the shooting method of azimuth photos (see Appendix A.1, 2014 version Appendix A.1);

--- Modified the shooting method of partial photos (see Appendix A.3, 2014 version Appendix A.3);

--- Modified the shooting method of element photos (see Appendix A.4, 2014 version Appendix A.4);

--- Modified the shooting method of detailed photos (see Appendix A.5, 2014 version Appendix A.5);

--- Modified the precautions for shooting at night (see Appendix B B.2, 2014 version Appendix B B.2);

--- Modified the precautions for shooting on a rainy day (see Appendix B B.3, 2014 version Appendix B B.3);

--- Modified the precautions for shooting high-reflectivity objects (see Appendix B B.6, 2014 version Appendix B B.6);

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--- Modified the cover format (see Appendix C, Appendix C of the 2014 edition).

This standard is proposed and managed by the National Road Traffic Management Standardization Technical Committee (SAC/TC576).

1 Scope

This standard stipulates the general requirements for the road traffic accident site survey photography, the content and requirements of the photography, and the traffic accident photo volume.

Make.

This standard is applicable to the road traffic accident traces, Physical evidence survey photography.

2 Normative references

The following documents are essential for the application of this document. For dated reference documents, only the dated version applies to this article Pieces. For the cited documents without date, the latest version (including all amendments) applies to this document.

GB/T 23865 proportional photography rules GB/T 29349-2012 on-site photography and video requirements GB/T 29351 Quality Requirements for Forensic Scientific Photographic Film GA/T 41 Investigation of trace material evidence at the scene of road traffic accidents GA/T 49 Road traffic accident scene drawing GA/T 223 Methods for photographing and video recording of corpse identification GA/T 591 Technical Conditions of Criminal Photographic Equipment GA/T 1382 Multi-rotor unmanned aircraft-based road traffic accident site investigation system

3 Terms and definitions

The terms and definitions defined in GB/T 29349-2012 and the following apply to this document.

Road traffic accident scene the location of the road traffic accident and its related spatial extent.

Road traffic accident scene element keyelementofroadtrafficaccidentscene Vehicles, people (corpses), objects, traces, physical evidence, roads and their facilities related to road traffic accidents.

Azimuth photography photographyofazimuth A special photo that reflects the geographic location of the road traffic accident scene and the relationship between the scene and the surrounding environment.

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