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GB/T 40117-2021 / ISO 18490:2015

**Non-destructive testing -
Evaluation of vision acuity of NDT personnel**

无损检测 无损检测人员视力评价

(ISO 18490:2015, IDT)

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Foreword

This document is drafted in accordance with GB/T 1.1-2020 "Directives for standardization - Part 1: Rules for the structure and drafting of standardizing documents".

This document, using translation method, is identical to ISO 18490:2015 "Non-destructive testing - Evaluation of vision acuity of NDT personnel".

China's document which has a consistent correspondence with the international document normatively referenced in this document is as follows:

- GB/T 9445-2015 Non-destructive testing - Qualification and certification of NDT personnel (ISO 9712:2012, IDT)

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. The issuing authority of this document shall not be held responsible for identifying any or all such patent rights.

This document was proposed by and shall be under the jurisdiction of National Technical Committee 56 on Non-destructive Testing of Standardization Administration of China (SAC/TC 56).

Drafting organizations of this document: CRRC Qishuyan Institute Co., Ltd., Shanghai Research Institute of Materials, Science and Technology Consulting Service Department of Shanghai Mechanical Engineering Society.

Main drafters of this document: Wan Shengyun, Song Fei, Jiang Jiansheng, Zheng Xiaokang, Zhang Wenxian, Sang Jinpeng, Wu Gang.

Non-destructive testing -

Evaluation of vision acuity of NDT personnel

1 Scope

This document specifies the form of the optotype, the quality requirements for the chart, the test procedure, and the acceptance level for near vision acuity of NDT personnel. It also addresses the qualification requirements for personnel permitted to carry out the test.

This document only addresses near vision acuity under defined conditions similar to those encountered during routine NDT inspection. It does not address an individual's overall visual acuity and users are advised to consider the need for a general eye examination by specialist medical personnel to ensure general vision acuity is appropriate for job function.

This document does not address colour vision requirements.

2 Normative references

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

ISO 9712 Non-destructive testing - Qualification and certification of NDT personnel

EN 4179 Aerospace series - Qualification and approval of personnel for non-destructive testing

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 9712 and EN 4179 and the following apply.

3.1

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Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

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