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

GB/T 9445-2024

**Non-destructive testing - Qualification and certification of
personnels**

(English Translation)

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Foreword

This document was drafted in accordance with the provisions of GB/T 1.1-2020

"Directives for standardization - Part 1.Rules for the structure and drafting of standardizing documents".

This document replaces GB/T 9445-2015 "Non-destructive testing - Qualification and certification of personnels". Compared with GB/T 9445-2015, in addition to structural adjustments and editorial changes, the main technical changes are as follows.

a) ADD the terms and definitions of applicants, certification cycle, certification process, certification requirements, competence, examination, examination elements, higher education, non-destructive testing personnel, psychological process, referees, structured credit system, structured experience program, work activities (see 3.1, 3.7, 3.8, 3.9, 3.10, 3.12, 3.14, 3.17, 3.26, 3.32, 3.35, 3.43, 3.44, 3.46). CHANGE the terms and definitions of basic examination elements, general examination elements, main method examination elements, practical examination elements, recertification, specimen (see 3.3, 3.16, 3.21, 3.31, 3.34, 3.41; 3.2, 3.10,

3.14, 3.22, 3.35, 3.30 of the 2015 edition);

b) ADD the requirements for independence, public certification schemes and descriptions, examination center examinations, non-fixed location examinations, certification, training institutions, authorized examiners, supervision, confirmation of higher education experience, referees, structured credit system, age of candidates [see 5.2.2b), d), i), j), l), o), q), r), s), t), u), v), w), x), y)].

CHANGE the requirements for training courses [see 5.2.2e); 5.2.2b of the 2015 edition)];

c) ADD the approval and supervision of authorized qualifying body and examination centers [see 5.3f), h); 5.3.1 of the 2015 edition];

d) DELETE some requirements for examination centers [see 5.4.1f of the 2015 edition)];

e) DELETE the requirements for employers to participate in qualification appraisal examinations (see 5.5.2 of the 2015 edition);

f) CHANGE the requirements for candidates to apply for examinations (see 5.6; 5.6 of the 2015 edition);

g) ADD the requirements for examiners (see 5.8);

h) ADD the requirements for referee (see 5.9);

i) CHANGE the responsibilities of level 3 personnel authorized by the employer (see 6.3.2; 6.3.2 of the 2015 edition);

j) ADD the use of distance learning, self-study or a combination of theoretical learning (see 7.2.2);

k) CHANGE the minimum training requirements (see Table 2; Table 2 of the 2015 edition);

l) ADD the special technical training requirements for leak detection, magnetic particle testing, ultrasonic testing, radiographic testing (see Table 2);

m) CHANGE the minimum industrial experience requirements for candidates (see Table 3; Table 3 of the 2015 edition);

- n) CHANGE the vision requirements for each level (see 7.4; 7.4 of the 2015 edition);
- o) ADD the psychological test criteria (see 8.1.1);
- p) ADD the examination elements (see 8.1.2);
- q) ADD the examination time (see 8.1.3);
- r) CHANGE the minimum number of general examination questions (see 8.2.1; 8.2.1 of the 2015 edition);
- s) ADD the subjects and weights for practical operation examination scoring (see 8.2.5.2);
- t) DELETE the allowed time for examination (see 8.2.3.8 of the 2015 edition);
- u) DELETE the scoring of level 1 and level 2 qualification examinations (see 8.2.4 of the 2015 edition);
- v) ADD the requirements for supplementary examinations (see 8.6);
- w) DELETE the requirements for examination exemptions (see 8.6 of the 2015 edition);
- x) CHANGE the requirements for certificates (see 9.2; 9.2 of the 2015 edition);
- y) CHANGE the requirements for certification conditions (see 9.3; 9.3 of the 2015 edition);
- z) ADD the requirements for applying for extension using the structured credit system (see 10.2);
- aa) CHANGE the requirements for applying for level 3 recertification using the structured credit system (see 11.3.2; 11.3.2 of the 2015 edition);
- ab) DELETE the requirements for "Transition between EN 473, GB/T 9445-2008 and this document" (see Chapter 14 of the 2015 edition);
- ac) ADD the composite product sectors and implementation requirements (see A.2);
- ad) CHANGE the specimen types and minimum quantity requirements for level 1 and level 2 practical operation examinations (see Appendix B; Appendix B of the