

ICS 71.100.30

CCS G89



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

GB/T 12435-2015

Replacing GB/T 16626-1996

Industrial hexogen

工业黑索今

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules. This standard consolidates and replaces GB/T 12435-1990 "industrial hexogen" and GB/T 16626-1996 "shellac granulated RDX." This standard and GB/T 12435-1990 and GB/T 16626-1996 main changes are as follows:

- Added RDX related terminology definitions (see Chapter 3);
- Modify the RDX classification (see Chapter 4, GB/T 16626-1996 of Chapter 3);
- Increasing the RDX particle size parameters and its determination method (dry sieving and laser diffraction method) (see Table 1 and 6.11);
- Modify the RDX acid determination method, increasing the passivation of RDX acid value measurement method (see 6.6.3.2, GB/T 12435-1990 4.7);
- Modify the determination of bulk density of RDX (see 6.7, GB/T 12435-1996 Appendix A, GB/T 16626-1996 5.6);
- Increased RDX Deterrent mass fraction of its determination method (see 6.8);
- Increased RDX plastic polymer mass fraction of its determination method (see 6.9);
- Modify the determination of RDX inorganic insolubles, adding inorganic salts flame mass fraction and its determination party Law (see 6.10, GB/T 12435-1990 of 4.4, GB/T 16626-1996 5.5);
- Increased hexogen heat reduction and its determination method (see 6.13);
- Modify the RDX inspection rules, increasing the content type test (see 7.3, GB/T 12435-1996 of Chapter 5, GB/T in Chapter 616626-1996). The standard proposed by the Ministry of Industry and Information Technology of the People's Republic of China. This standard is under the jurisdiction of the Ministry of Industry and Information Technology Standardization Technical Committee Explosive Materials. This standard was drafted. a new era of civil explosive (Liaoning) Co., Ltd. Branch Fuxin, Liaoning Huafeng Min with Chemical Development Co., Eighth Lingwu state-run factory, Chemical Co., Ltd. Jiangsu red. The main drafters of this standard. Zhao Jie, Zhang Yongli, Fu Yanjun, Cao Yurong, Liu Zhixin,

Keeping Fit, Shaohua Yang, Fu Yan Liu, Diverting, Ma Haixia, LiuMingXiang, YANG school.
Industrial RDX

1 Scope

GB/T 12435-2015 is the Chinese national standard on industrial hexogen, in the field of chemical technology. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 15 May 2015 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 February 2016. Classification: ICS 71.100.30, CCS G89. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard specifies the RDX industrial classification, requirements, test methods, inspection rules and signs, packaging, transportation, storage and so on. This standard applies to industrial RDX.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GB 190 packaging and marking of dangerous goods

GB/T 629 chemical reagent sodium hydroxide

GB/T 678 chemical reagent alcohol (ethanol)

GB/T 679 chemical reagent ethanol (95%)

GB/T 682 chemical reagent chloroform

GB/T 686 chemical reagent acetone

GB 1922 paint and cleaning solvent oil

GB 4456 packaging, polyethylene blown film GB/T 7968 Sack

GB/T 8052 single-level and multi-level continuous sampling procedures and tables

GB/T 10111 random number generation and its application in product quality sampling in

GB/T 14659 civilian blasting equipment term

GB/T 15895 Chemicals 1,2-dichloroethane GJB297A-1995 specification passivated RDX
GJB636 explosives wooden packaging technical conditions GJB772A-1997 explosives
testing methods GA921 Civil Explosives warning labels, registration identification General
WJ9016 poly black -16 explosives

3 Terms and Definitions

GB/T 14659 and defined by the following terms and definitions apply to this document.

3.1 Granulated RDX grainhexogen In RDX as a main component, a polymer with a small amount of glue or the like adhesive shellac (or other additives), prepared by the use of physical methods, having The shape of a certain size products.

3.2 Passivation RDX desensitizinghexogen In the RDX coated products mineral waxes and fatty acid mixture.