

ICS 67.040
CCS X04



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

GB/T 12529.4-2008

Replacing GB/T 12529.4-1990

**Graphic symbols and codes for grain and oils industry - Part 4:
Oils and fats industry**

粮油工业用图形符号、代号 第4部分：油脂工业

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Foreword

GB/T 12529 "oil industry - Graphic symbols and codes" is divided into five parts.

--- Part 1. Common part;

--- Part 2. Milling Industry;

--- Part 3. milling industry;

--- Part 4. Oil Industry;

--- Part 5. Storage industry. This section is GB/T Part of 412,529. This part is GB/T 12529.4-1990 "oil industry - Graphic symbols and oil industry," the amendment. This portion of the GB/T 12529.4-1990 main technical differences are as follows:

--- Original standard peel isolated broken (Y101 ~ Y104), flaking steaming and roasting (Y201 ~ Y207), oil extraction (Y301 ~ Y305) were combined, All classified pretreated oil extraction (Y101 ~ Y133);

--- Increased vertical dryer, 39 soybean quenching tower, soybean hulls kernel separator and the like;

--- Canceled 15 plane rotating screen, the hydrogenation reaction tank, Dawson gases;

--- Standard part of the original specification terminology, such as. "steaming machine" to "steam off", etc. Since the implementation date of this section, the place of GB/T 12529.4-1990. This part is proposed by the National Food Authority. This part of the National Grain and Oil Standardization Technical Committee centralized. This section is drafted. State Grain Reserve Xi'an Oil Research and Design Institute, Wuhan Polytechnic University. The main drafters of this section. Bai Yun love, Ran Ping, Duxuan Li, Zheng, Lin Guoxiang, closed source, Linzheng Jun. This part of the standard replaces the previous editions are.

--- GB/T 12529.4-1990. Grain and oil industry Graphic symbols and codes Part 4. Oil Industry

1 Scope

GB/T 12529.4-2008 is the Chinese national standard on graphic symbols and codes for grain and oils industry - part 4: oils and fats industry, in the field of food 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 4 November 2008 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 20 January 2009. Classification: ICS 67.040, CCS X04. 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 section GB/T 12529 specifies the graphic symbols of industrial oil preparation process flow diagram used. This section applies to grain and oil industry production, research, design, education and other related fields. This section does not specify a process flow diagram for the project is generally not expressed and has been included in GB/T 12529.1 of the project.

2 Normative references

The following documents contain provisions which, through reference

GB/T 12529 in this section constitute provisions of this section. For dated references, All subsequent amendments (excluding corrections) or revisions do not apply to this section, however, encourage an agreement under this section Parties to study the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB/T 4270 in the technical documentation thermal graphic symbols and letter codes

GB/T 4457.4 Mechanical drawings Fatou line

GB/T 4728 (all parts), Graphical symbols for electrical diagrams Graphic

GB/T 6567 (all parts), Technical drawings symbols for piping systems

GB/T 12529.1 oil industry - Graphic symbols and codes - Part 1. General section

3 General Provisions

Graphical symbols specified in section

3.1 relates to the preparation of all aspects of oil production lines. When graphical symbols

specified in section

3.2 in the application process flow diagram, according to the actual need to be scaled.

3.3 part of a predetermined pattern, allow to draw the opposite direction. The provisions of section

3.4 of the graphical symbols plot, implementation of the relevant provisions of GB/T 4457.4 of.

3.5 Graphical oil industry pipeline pipe fittings and other symbols, except the provisions of this standard, the implementation of GB/T 6567 (all parts) of the relevant provisions.

3.6 part of the symbol and GB/T 12529.1 were prescribed according to relevant national standards or industry standards; national standards and industry When the standard is not specified, it can follow the simple principle reflect the main features of the physical, draw on their own. Food industry in accordance with section

3.7 of the professional category assigned to each of the corresponding professional code, alphabet code with a professional name to reflect the characteristics of It is shown, in uppercase letters. Professional code-named. General T; Milling M; milling F; grease Y; warehousing C. Category 4

4.1 Pretreatment oil extraction. Y101 ~ Y133.

4.2 Leaching. Y201 ~ Y230.

4.3 Refining. Y301 ~ Y341.

4.4 Other. Y401 ~ Y404.

4.5 Palm oil. Y501 ~ Y510.

4.6 pipe fittings. Y601 ~ Y635.