ICS 23.020.10
CCS J74

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 17261-2011

Replacing GB/T 17261-1998

Steel spherical tanks type and dimension data base

钢制球形储罐型式与基本参数

Issued on: December 30, 2011 **Implemented on: July 1, 2012**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of China

Table of Contents

Foreword

This standard replaces GB/T 17261-1998, compared with the GB/T 17261-1998, the main changes are as follows:

--- The maximum nominal volume expanded by a 10000m3 to 25000m3;

--- The type of tank consists of 8 kinds to 10 kinds, tank volume size from 14 kinds to 20 kinds;

--- The post base to the bottom surface of the equatorial plane of the spherical shell from the heightening 200mm or 400mm;

--- According to specification plate, adjust the number of spherical shell zoning, sub-blocks for each band and each makes a central angle. This standard by the National Standardization Technical Committee of the boiler pressure vessel (SAC/TC262) and focal points. This standard was drafted. High-tech Gansu Lanke Petrochemical Equipment Co., Ltd., China Tianchen Chemical Engineering Corporation, Shanghai Installation Engineering Limited. Drafters of this standard. Liu Fu records, party war Wei, Li Feng, Lu Ling. This standard replaces the standards previously issued as follows:

--- GB/T 17261-1998. Steel spherical tank types and basic parameters

1 Scope

GB/T 17261-2011 is the Chinese national standard on steel spherical tanks type and dimension data base, in the field of fluid systems and general-purpose components. 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 30 December 2011 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

July 2012. Classification: ICS 23.020.10, CCS J74. 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 steel spherical tanks (hereinafter referred to as "tank") the type and the nominal volume, inner diameter spherical shell, tank foundation center circle straight Trails, post base to the bottom surface of the equatorial plane of the spherical shell distance, the number of pillars, with several sub-spherical shell, each ball and each with a central angle of the basic block number parameter. This standard applies to petroleum, chemical, metallurgy, urban gas and other industrial gases and liquid storage material support column tangent to the equator Tank.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB 12337 steel spherical tanks Tank Type

3 In addition to the tank structure must meet the requirements of this standard, it should also comply with the provisions of GB 12337.

3.1 Forceupon orange segment and type of each spherical shell with a name and number shown in Figure 1 to 5.

3.2 Tank type hybrid and spherical shells, each with the name and number shown in Figure 6 to 10.

3.3 Forceupon pole with orange petals plate shown in Figure 11.

3.4 hybrid tank pole with plate shown in Figure 12. 1 orange segment three-ball cans 2 orange segment four-ball cans