Chinastandards.org

ICS 27.140
CCS P 98

SL

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SL/T 806-2020

Fundamental technical requirements for pumps of water and hydropower projects

水利水电工程水泵基本技术条件

(English Translation)

Issued on: November 30, 2020 **Implemented on: February 28, 2021**

Issued by: Ministry of Water Resources of the People's Republic of China

Preview: page 1 of 3 shown, 22 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sl-t-806-2020

Table of Contents

[Preview only]
1 Scope
2 Normative References
2.1 Terms
3 Terms and Definitions
4 Overview
4.1 General requirements
5 Technical Requirements
6 Calibration conditions
6.1 Environmental conditions
6.2 Measurement standards and other equipment
7 Calibration items and calibration methods
7.1 Calibration Items
7.2 Calibration method
8 Expression of calibration results
9 Recalibration interval

1 Foreword

SL/T 806-2020 was issued by Ministry of Water Resources of the People's Republic of China on 30 November 2020 and has been in force since 28 February 2021.

The SL/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 22 pages in English translation.

2 Scope Preview

This standard specifies the performance assurance, technical requirements, scope of supply and inspection and test items for the pumps of the water supply and drainage pumping stations of water conservancy and hydropower projects in terms of product design and manufacturing. It also proposes its packaging, transportation, storage, installation, operation, and maintenance. Regulations to be complied with. This standard applies to water pump products whose delivery medium is clean water, sandy water, etc., and the

Preview: page 2 of 3 shown, 22 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sl-t-806-2020

delivery water temperature is normal temperature and meets one of the following conditions: a) The shaft power of the pump is 1000kW and above; b) The nominal diameter of the centrifugal pump impeller is 800mm and above ; c) Mixed flow pump, axial flow pump, tubular flow pump, the nominal diameter of the impeller is 1600mm and above. If the water contains obvious chemically corrosive substances or the gas content is extremely high, the supplier and the buyer can negotiate separately.

SL/T 806-2020 falls under ICS 27.140, in the field of energy and heat transfer engineering.

This catalogue holds 23 other SL/T standards in that field.

In this catalogue, SL/T standards carry edition years from 1994 to 2026.

3 About this standard

Issued by: Ministry of Water Resources of the People's Republic of China

English translation: about 22 pages

Chinese original: about 33,315 characters

4 Related standards

Standards on related subjects:

JB/T 2985-2016 - Bimetal bushings for construction machinery

JGJ 276-2012 - Technical code for safety of lifting in construction

SL/T 317-2023 - Specification for equipment installation and acceptance of pumping stations

SL 400-2016 - Technical code for installation safety of electromechanical equipment for water conservancy and hydropower project

5 Classification and status

International classification (ICS): 27.140

Chinese Standard Classification (CCS): P 98

Prefix SL/T: recommended standard.

Preview: page 3 of 3 shown, 22 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/sl-t-806-2020