

ICS 75.180.30
CCS E 98

SY

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

SY/T 6659-2016

Replacing SY/T 6659-2006

Measurement of natural gas by Coriolis meter

用科里奥利质量流量计测量天然气流量

(English Translation)

Issued on: December 5, 2016

Implemented on: May 1, 2017

Issued by: National Development and Reform Commission

Table of Contents

What this standard covers	1
Document data	2
Standards quoted by this document	3

What this standard covers

This standard specifies the measurement conditions, metrological performance, technical requirements, use, installation, maintenance, and fluid calibration methods of the Coriolis mass flowmeter used to measure the flow rate of natural gas, and gives the gas mass flow and standard reference conditions The volume flow and the energy flow calculation method and the uncertainty estimation method. This standard is applicable to the Coriolis mass flowmeter (hereinafter referred to as flowmeter) for measuring the flow of natural gas. The natural gas measured by the flowmeter is a single phase gas with a true relative density of 0.554 to 0.870. This standard does not address all security issues related to its application. Before using this standard, it is the user responsibility to develop appropriate safety and protective measures and to clarify the scope of their limitation.

Document data

International classification (ICS): 75.180.30.

Chinese classification (CCS): E98.

Estimated length of the Chinese original: 39,361 words.

Supersedes the earlier edition SY/T 6659-2006.

Standards quoted by this document

GB 3836.1; GB 3836.2; GB 3836.4; GB 4208; GB/T 11062; GB/T 13610; GB/T 17747; GB/T 18604; JJG 996; JJF 1004; SY/T 0599; JJG 1038-2008