

ICS 25.160
CCS P 72

SH

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

SH/T 3417-2018

Replacing SH/T 3417-2007

**Technical specification for welding high alloy tube of tubular
heater in petrochemical industry**

石油化工管式炉高合金炉管焊接工程技术条件

(English Translation)

Issued on: July 4, 2018

Implemented on: January 1, 2019

Issued by: Ministry of Industry and Information Technology

Table of Contents

What this standard covers	1
Document data	2

What this standard covers

This standard stipulates the requirements for welding materials, pre-weld preparation, welding, non-destructive testing, etc. of high-alloy furnace tubes (including pipe fittings) for petrochemical tubular furnaces. This standard is applicable to austenitic stainless steel, iron-nickel-base alloy and nickel-based alloy rolling furnace tubes and pipe fittings and centrifugal casting furnace tubes or static casting pipe fittings with a petroleum alloy tube furnace alloy content of 18Cr-8Ni and a higher alloy content. Welding, inspection and acceptance, welding methods are electrode arc welding, tungsten gas shielded welding, gas metal arc welding and submerged arc welding.

Document data

International classification (ICS): 25.160.

Chinese classification (CCS): P72.

Estimated length of the Chinese original: 26,295 words.

Supersedes the earlier edition SH/T 3417-2007.