

ICS 77.140.50
CCS H46

YB

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

YB/T 6539-2026

**Stainless steel clad plate for high-temperature molten salt
environment**

高温熔盐环境用不锈钢复合钢板

(English Translation)

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Foreword

YB/T 6539-2026 is a recommended industry standard of the People's Republic of China in the Ferrous Metallurgy sector, approved and issued by the Ministry of Industry and Information Technology on 15 July 2026, with effect from 1 February 2027.

It is administered by the National Technical Committee for Steel Standardization.

Classification: ICS 77.140.50; CCS H46.

1 Scope

YB/T 6539-2026 specifies the classification and designation, manufacturing method, ordering information, technical requirements, test methods, inspection rules, packaging, marking and quality certificate for stainless steel clad plate used in high-temperature molten salt environments. It applies to clad plate made by rolling cladding, with stainless steel as the base material and a nickel-based alloy as the cladding material, for use in high-temperature molten salt service. The clad plate combines two metals in one product: a stainless steel layer that carries the load and a nickel-based alloy layer on the surface facing the aggressive molten salt.

Steel mills producing clad plate, fabricators of molten salt equipment, purchasers and inspection laboratories can use it to define orders and check deliveries. It is a voluntary standard (code with /T), issued by the Ministry of Industry and Information Technology on 15 July 2026 and effective from 1 February 2027. It is a new standard.