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Refined nickel

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Refined nickel

Introduction This Japanese Industrial Standard has been prepared based on ISO 6283 :1995, *Refined nickel* published as the second edition in 1995, without any modification in technical content.

Further, the designation specified in ISO is contained in Annex.

1 Scope This Japanese Industrial Standard specifies refined nickel (hereafter referred to as “ingot”).

Remarks 1 Normative references to this Standard are shown as follows :

JIS H 0301 : *General rules for sampling, sample preparation and analytical testing of non-ferrous metals*

JIS H 1151 : *Methods for chemical analysis of nickel metal*

2 The corresponding International Standard is as follows :

ISO 6283 :1995 *Refined nickel*

2 Classification The ingots shall be classified into three classes, comply with Table 1.

3 Quality The quality of the ingot shall be as follows.

(1) The ingot shall be uniform in quality.

(2) The chemical compositions shall comply with Table 1.

Table 1 Classification and chemical composition

Class	Sym- bol	Chemical composition % (m/m)								
		Fe	Cu	Pb	Mn	C	S	Si	Co	Ni
Special	N0	0.005 max.	0.002 max.	0.001 max.	0.001 max.	0.01 max.	0.001 max.	0.001 max.	0.01 max.	99.98 min.
1	N1	0.02 max.	0.02 max.	0.004 max.	0.004 max.	0.03 max.	0.01 max.	0.004 max.	0.15 max.	99.80 min.
2	N2	0.04 max.	0.03 max.	—	—	0.03 max.	0.05 max.	—	—	98.00 min.