

## NIPPON KAIJI KYOKAI

Approval No. NKY-3514 Certificate No. TA201039E Certificate

## APPROVAL

Article:

Welding Consumables for Stainless Steels

Brand:

US-2209 / PF-S1D

[Wire / Flux]

Applicant:

Kobe Steel Ltd., Fukuchiyama Plant

Fukuchiyama, Kyoto, Japan

Manufacturer:

Kobe Steel Ltd., Fukuchiyama Plant

Fukuchiyama, Kyoto, Japan

Grade:

Manufacturer's Spcification

Welding Process:

Submerged Arc Welding

Technique:

Multi-Run

Welding Positions and Max. Diameter of Wire:

See Table 1

Current:

AC and DCEP

Shielding Gas:

Not Applicable

Applicable Grade of Parent KSUS323L, KSUS329J1L, KSUS329J3L, KSUS821L1

Material:

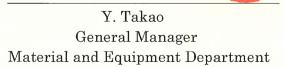
and Equivalent Steels

Remarks:

Chemical composition and mechanical properties of deposited metal as well as tensile strength of butt joint are the same as that of KW2209 specified in 6.7, Chapter 6, Part M of the NK Rules.

THIS IS TO CERTIFY that the above mentioned welding consumable has been approved by the NIPPON KAIJI KYOKAI in accordance with the requirements of the Society's Rules.

This Certificate will remain in force until 10 September 2021. Issued at Tokyo on 11 September 2020.



Note: The validity of this certificate may be renewed by endorsement on the attached sheet upon completion of the annual inspections.

Table 1 Welding Positions and Max. Diameter of Wire

Table 1 Welding 1 obtained and Max. Diameter of Wife			
Butt Weld		Fillet Weld	
Flat:	4.0mm	Flat:	Not Applicable
		Horizontal Vertical:	Not Applicable
Horizontal:	Not Applicable	Horizontal:	Not Applicable
Overhead:	Not Applicable	Horizontal Overhead:	Not Applicable
		Overhead:	Not Applicable
Vertical Upward:	Not Applicable	Vertical Upward:	Not Applicable
Vertical Downward:	Not Applicable	Vertical Downward:	Not Applicable

Date:

Surveyor

Date:

Surveyor