



**NIPPON STEEL &  
SUMITOMO METAL  
CORPORATION GROUP**

## NIPPON STEEL & SUMIKIN WELDING CO.,LTD.

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NSSW-QC-2018-004  
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### Announcement of AWS Classification Change

Dear Norsk Sveiseteknikk A/S

We appreciate your selection of our welding consumables & equipment, and continuous support to us.

Due to revision of the AWS A5.36 required by AWS organization, we will change a part of the AWS classification designation of our products.

In Table 3 (Usability Designators and General Description of Electrode Types) of AWS A5.36:2016, Classification Designator "T9" listed in the 2012 edition has been deleted, and newly "T1" has been designated which kindly be informed. There is no major change in characteristic wise with this revision.

#### 1. AWS classification designation of our products

Point of the change with respect to the old and new AWS classification  
(the new ones being applicable from September 1, 2018 and thereafter)

Type of Steel	Shield Gas	Brand Name	AWS A5.36:2012	AWS A5.36:2016
Carbon steel	CO <sub>2</sub>	NSSW SF-3M *	E71T9-C1A4-CS1	E71T1-C1A4-CS1
	Ar-CO <sub>2</sub>	NSSW SF-3A	E71T9-M21A4-CS1	E71T1-M21A4-CS1
Low-Alloy steel	CO <sub>2</sub>	NSSW SF-3E	E81T9-C1A4-CS1	E81T1-C1A4-CS1
		NSSW SF-36E	E81T9-C1A8-K2-H4	E81T1-C1A8-K2-H4
		NSSW SF-47E	E81T9-C1A8-Ni1-H4	E81T1-C1A8-Ni1-H4
		NSSW SF-50E	E91T9-C1A8-Ni2-H4	E91T1-C1A8-Ni2-H4
	Ar-CO <sub>2</sub>	NSSW SF-3AMSR	E71T9-M21A6-K6-H4	E71T1-M21A6-K6-H4
			E71T9-M21P6-K6-H4	E71T1-M21P6-K6-H4
		NSSW SF-36EA	E81T9-M21A6-K6-H4	E81T1-M21A6-K6-H4
			E81T9-M21P6-K6-H4	E81T1-M21P6-K6-H4
		NSSW SF-3AM	E81T9-M21A8-Ni1-H4	E81T1-M21A8-Ni1-H4
		NSSW SF-50A	E91T9-M21A4-K2-H4	E91T1-M21A4-K2-H4
NSSW SF-80A	E111T9-M21A4-G-H4	E111T1-M21A4-G-H4		

\* NSSW SF-3M has been applied since April 1, 2018.

2. Time of the change

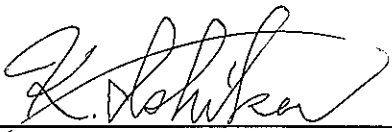
**Products manufactured on September 1, 2018 and thereafter**

3. Notes

- (1) Please understand that after the change, the old and new AWS classification designations coexist for a while.
- (2) For a same order, a product with the old AWS classification designation and with the new AWS classification designation may coexist. For example, a product manufactured in August or before with an old AWS classification designation may be shipped together with a product manufactured in September or after with a new AWS classification designation.
- (3) For a same order, certificates of inspection in old and new classification may be issued. For example, the certificate corresponding to a product manufactured in August or before is attached with an old AWS classification designation, and the certificate corresponding to a product manufactured in September or after is attached with a new AWS classification designation, and both certificates are issued for the same order.

We appreciate your kind understanding of this change. If you have any questions or need clarification, please feel free to contact us.

Sincerely,



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K. Ishikawa  
General Manager  
Quality Control Department  
Quality Control Div.