

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Flux Cored Wire/Gas combination**with trade name
SF-3E / C1

Manufacturer

NIPPON STEEL WELDING & ENGINEERING CO., LTD.
Hikari Plant
Hikari, Yamaguchi Pref., Japanis found to comply with
DNV GL rules for classification – Ships
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables

with this approval

Grade	IV Y42MS(H5)
Current	DC(+)
Approved diameter	1.2mm - 1.6mm
Positions	All, except vertical downwards
Remarks	Also for fillet welding
	Minimum elongation 22%

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2019-05-17**This Certificate is valid until **2024-05-16**.DNV GL local station: **Hiroshima**Approval Engineer: **Ludger Hachmöller**for **DNV GL**

Thorsten Lohmann
Head of Section

Any significant change in design or construction may render this Certificate invalid.



Form code: WELD 1421a

Revision: 2016-12

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Page 1 of 1