

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Wire/Flux/Backing combination**

with trade name

US-43(x3) / PF-I50 / PF-I50R

Manufacturer

**Kobe Steel Ltd., Fukuchiyama Plant
Fukuchiyama Kyoto Pref, Japan**

is 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	III YM
Current	AC/DC(+)
Approved diameter	2,4 mm - 7,9 mm
Positions	Flat
Remarks	For one-side welding

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.Issued at **Hamburg** on **2017-08-23**This Certificate is valid until **2022-08-22**.DNV GL local station: **Kobe**for **DNV GL**Approval Engineer: **Ludger Hachmöller**

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