

TYPE APPROVAL CERTIFICATE

Certificate no.:
TAW000043M
Revision No:
2

This is to certify:

that the Wire/Flux combination

with trade name
US-80LT / PF-H80AS

Manufacturer

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

is found to comply with

DNV rules for classification – Ships

DNV class programme DNV-CP-0069 – Type approval – Welding consumables

with this approval

Grade	IV Y69M(H5)
Current	DC(+)
Approved diameter	2.4 mm - 4.8 mm
Positions	Flat
Remarks	Charpy V-notch impact test: min. 47J at -60°C

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Hamburg** on **2024-07-03**

This Certificate is valid until **2028-09-04**.

DNV local unit: **Japan CMC**

Approval Engineer: **Dietmar Liebich**



for **DNV**

This document has been digitally signed and will
therefore not have handwritten signature

Martin Wenning

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

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