

TYPE APPROVAL CERTIFICATE

Certificate No: **TAW000041K** Revision No:

This is to certify:

That the Wire/Gas combination

with trade name TG-S709S / I1

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 -MS Current DC(-)

Approved diameter 1.2 mm - 2.4 mm

Positions Flat, horizontal, overhead and vertical upwards

Remarks For welding of NV 1.5Ni up to NV 9Ni,

Impact test at -196°C average value >50 J,

Also for fillet welding,

The min. yield strength of the weld metal 400 N/mm²

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

Issued at Hamburg on 2023-09-11

for DNV

This Certificate is valid until 2028-09-04.

DNV local unit: Kobe

Approval Engineer: Dietmar Liebich

Thorsten Lohmann
Head of Section

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