DNV·GL

Certificate No:
TAW000039K

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
CSF-71T / C1

Manufacturer
CHOSUN WELDING CO., LTD.
ULSAN, Republic of Korea

is found to comply with
DNV GL class programme DNVGL-CP-0069 – Type approval – Welding consumables
DNV GL rules for classification – Ships

with this approval

Grade	**II YMS(H10)**
Current	**DC(+)**
Approved diameter	**1.2 mm - 1.6 mm**
Positions	**All, including vertical downwards**
Remarks	**Also for fillet welding**

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

Issued at **Hamburg** on **2017-10-18**

This Certificate is valid until **2022-06-30**.
DNV GL local station: **Ulsan**

Approval Engineer: **Dietmar Liebich**

for **DNV GL**
Digitally Signed By: Hachmoeller, Ludger
Location: DNV GL Hamburg, Germany
Signing Date: 2017-10-20 , on behalf of

Thorsten Lohmann
Head of Section

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DNV·GL

Certificate No:
TAW000045J

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Flux Cored Wire/Gas combination

with trade name
CSF-71T / M21

Manufacturer
CHOSUN WELDING CO., LTD.
ULSAN, Republic of Korea

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	**II YMS(H10)**
Current	**DC(+)**
Approved diameter	**1.2 mm - 1.6 mm**
Positions	**All, incl. vertical downwards**
Remarks	

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

Issued at **Hamburg** on **2019-01-25**

This Certificate is valid until **2023-12-31**.
DNV GL local station: **Ulsan**

Approval Engineer: **Ludger Hachmöller**

for **DNV GL**

Digitally Signed By: Wildhagen, Christian
Location: DNV GL Hamburg, Germany
Signing Date: 2019-01-28, on behalf of

Thorsten Lohmann
Head of Section

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