



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM00002ZZ

This is to certify:

That

TIANJIN YUANTAI DERUN PIPE MANUFACTURING GROUP CO., LTD.
Industrial Area, Daquzhuang Town, Tianjin City,
China

is an approved manufacturer of
Steel hollow sections

in accordance with
DNV rules for classification – Ships

and the following particulars:

Application area	High strength steel
Products	Structural hollow sections, See page 2
Manufacturing method	Seamless / Welded
Max. dimensions	See page 2
Max. wall thickness	See page 2
Heat treatment condition	See page 2

Manufacturer(s) approved by this certificate is/are accepted to deliver according to DNV GL, DNV and GL rules. Materials to be applied to DNV classed object shall fulfill the material requirements in the applicable DNV class rules.

Issued at **Hamburg** on **2022-09-29**

for **DNV**

This Certificate is valid until **2025-09-28**.

DNV local station: **Dalian NB & CMC**

Approval Engineer: **Andreas Koch**

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Thorsten Lohmann
Head of Section

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Form code: AM 311

Revision: 2021-03

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Particulars of the approval

Round hollow sections

Grade	Product	Manufacturing method ¹⁾	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition ²⁾
NV A32, NV A36 NV D32, NV D36	Round	SAW	915	30	AR

Rectangular / square hollow sections

Grade	Product	Manufacturing method ¹⁾	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition ²⁾
NV A32, NV A36 NV D32, NV D36	Rectangular Square	CFS, CFW	900*600 900*900	30	AR
NV A32, NV A36 NV D32, NV D36	Rectangular Square	ERW	900*600 900*900	16	AR

Remarks:

- 1) CFS: Cold formed seamless
 CFW: Cold formed welded
 ERW: electric resistance welded
- 2) AR: as rolled