APPROVAL OF MANUFACTURER CERTIFICATE

Certificate no.:
AMMM00003BT

This is to certify:

that

Zhejiang Xintongda Special Steel Manufacturing Co., Ltd.
No.209 Ruiyang Avenue, Xiping Street, Songyang County,
Lishui City, Zhejiang Province 323400,
China

is an approved manufacturer of
Steel Pipes and Fittings

in accordance with

DNV rules for classification – Ships
DNV class programme – DNV-CP-0252 Steel pipes and steel pipe fittings

and the following particulars:

Product	**Pipes**
Application area	**Austenitic and Ferritic-austenitic (duplex) stainless**
Steel type	**Ferritic-austenitic (Duplex) stainless**
Manufacturing method	**Cold formed seamless**
Max. outer diameter	**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 **2025-08-28**

This Certificate is valid until **2028-08-27**.
DNV local unit: **Ningbo CMC**

Approval Engineer: **Dechun Lou**

for **DNV**

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

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Particulars of the approval

Seamless ferritic-austenitic (Duplex) stainless steel pipes

Steel type	Grade [3]	Manufacturing method [1]	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition [2]
Austenitic- ferritic	S32205, S31803	CFS	323.9	12.7	SHT
	S32750				

Remarks:

1) CFS: Cold Finished Seamless
2) SHT: Solution Heat Treated (solution annealing)
3) Suitable pipe grades shall be selected from the following recognised standards:
ISO 9329 Part 4, ISO 9330 Part 6, EN 10216 Part 5, EN 10217 Part 7, ASTM A269, A312, A358, A789, A790, A928 and JIS G3459