

APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000031G

This is to certify:

That

INOX TECH S.p.A.
Via Aldo Moro 10/C
45026 Lendinara RO,
Italy

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 steel pipes
Steel type	Austenitic stainless, Ferritic-austenitic (Duplex) stainless, See page 2
Manufacturing method	Longitudinal welded
Max. outer diameter	See page 2
Max. wall thickness	See page 2
Heat treatment condition	See page 2
Additional approval conditions	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 **2023-05-12**

for **DNV**

This Certificate is valid until **2026-05-11**.

DNV local unit: **Italy/Malta CMC**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section

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 300,000 USD.



Particulars of the approval

Austenitic and Ferritic-austenitic steel pipes

Steel type ³⁾	Grade	Manufacturing method ¹⁾	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition ²⁾
Austenitic stainless	CrNi	EFW	915	61	SHT
	CrNiMo	EFW	915	61	SHT
Duplex	22Cr	EFW	915	61	SHT
	25Cr	EFW	915	61	SHT

Remarks:

- 1) EFW: electric fusion welded
- 2) SHT: Solution Heat Treated (solution annealing)
- 3) Austenitic and ferritic-austenitic steel pipes
 Suitable pipe grades shall be selected from the following recognized standards:
 ISO 9330 Part 6, EN 10217 Part 7, ASTM A269, ASTM A358, ASTM A789, ASTM A790, ASTM A928 or JIS G3459

Special conditions:

Including austenitic stainless steel for approved low-temperature applications