



APPROVAL OF MANUFACTURER CERTIFICATE

Certificate No:
AMMM000032H

This is to certify:

That

Scoda Tubes Ltd.

**Survey No. 2442, 2443, 2446, Village Rajpur,
Ahmedabad-Mehsana Highway, Ta-Kadi, Dist-Mehsana, Gujarat 382715,
India**

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, See page 2
Manufacturing method	Seamless cold formed
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 **2023-07-13**

for **DNV**

This Certificate is valid until **2026-07-12**.

DNV local unit: **India CMC MES**

Approval Engineer: **Christian Wildhagen**

Thorsten Lohmann
Head of Section

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Form code: AM 311

Revision: 2022-12

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Particulars of the approval

Austenitic steel pipes

Steel type	Grade	Manufacturing method ¹⁾	Max. outer diameter [mm]	Max. wall thickness [mm]	Heat treatment condition ²⁾
Austenitic	CrNi	CFS	169	11	SHT
	CrNiMo	CFS			

Remarks:

- ¹⁾ CFS: cold finished seamless
- ²⁾ SHT: Solution Heat Treated (solution annealing)
- ³⁾ Suitable pipe grades shall be selected from the following recognized standards:
ISO 9329 Part 4, EN 10216 Part 5, ASTM A269, ASTM A312 or ASTM A789

Special conditions:

Including automatic ET testing in lieu of hydraulic testing according to relevant standard

Including austenitic steel pipes for approved low-temperature applications