



CERTIFICATE OF ASSESSMENT OF TESTING LABORATORY

NO. 2017TS/01/1333

This is to certify that:

Voestalpine Stahl GmbH

Pruftechnik & Analytik

VOEST-ALPINE-STRASSE 3 – 4031 Linz – Austria, Postfach 3

has been found in compliance with the requirements of the RINA “RULES FOR THE ASSESSMENT OF TESTING LABORATORIES” for the performance of the tests listed in the attachment to this certificate

Issued at TRIESTE, on 12th FEBRUARY 2018

This Statement is valid until FEBRUARY 2021

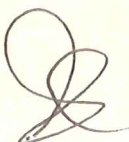
This Certificate consists of this sheet plus an attachment



Daniele Chirulli

RINA

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ATTACHMENT TO CERTIFICATE NO. 2017TS/01/1333

PRODUCT	TEST	STANDARD
ROLLED/CASTED/ /FORGED STEEL	TENSILE (High Temperature included)	EN ISO 6892-1 EN ISO 6892-2 ASTM E 8M/E 8Ma
	IMPACT (Charpy)	EN ISO 148-1 ANSI/ASTM E 23b EN ISO 9016
	HARDNESS (Brinell)	EN ISO 6506-1
	HARDNESS (Rockwell)	EN ISO 6508-1
	HARDNESS (Vickers)	EN ISO 6507-1
	MATALLOGRAPHY & MACROGRAPHY	EN ISO 3887 EN ISO 643
	BEND	EN ISO 7438 EN ISO 5173 Sep 1390
	DROP WEIGHT	ASTM E 208 SEP 1325
	SHEAR	DIN 50162
WELDED JOINTS on ROLLED/CASTED/ FORGED STEEL	CORROSIONS	ANSI/NACE MR 0175; ANSI/NACE TM 0177 ASTM A923; ASTM A262; ASTM G28 EN ISO 3651-1 EN ISO 3651-2 EN 10229 SEP 1877
	TENSILE	EN ISO 5178 ASTM E8/E 8Ma
	IMPACT (Charpy)	EN ISO 148-1 EN ISO 9016
	HARDNESS	EN ISO 9015-1
	BEND	EN ISO 7438 EN ISO 5173 Sep 1390
	FRACTURE	EN ISO 9017
	METALLOGRAPHY & MACROGRAPHY	EN ISO 17639

General conditions for the approval

- a) The initial conditions verified by RINA at the time of the assessment are to be maintained
- b) Any changes to the initial conditions are to be promptly communicated to RINA, which reserves the right to repeat the relevant assessment
- c) RINA personnel are to be allowed to witness during the performances of activities, upon their request
- d) The activities are to be carried out in compliance with RINA Rules and /or other applicable Rules

TRIESTE, 12 FEBRUARY 2018
Signature and date