

DECLARATION OF PERFORMANCE

No. LE S420NLH Rev.0

1. *Unique identification code of the product-type:*

Seamless steel pipe according to EN 10210-1:2006, Grade S420NLH

2. *Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*

Heat number on pipe or on attached 3.1 mill test certificate

3. *Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:*

Use in metallic structures or in composite metal and concrete structures

4. *Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):*

voestalpine Tubulars GmbH & Co KG, Alpinestraße 17, 8652 Kindberg-Aumühl, Austria

5. *Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):*

Not relevant

6. *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*

2+

7. *In case of the declaration of performance concerning a construction product covered by a harmonised standard:*

The Notified Body- TÜV SÜD Industrie Service GmbH, Westendstrasse 199, 80686 Munich, Germany, no. 0036 – has performed the initial inspection of the manufacturing plant and of factory production control as well as the continuous surveillance, assessment, and evaluation of factory production control under system 2+ and issued a certificate of conformity of the factory production control with no. 0036 – CPR – M 070.2013.002.

8. *In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:*

Not relevant

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9. Declared performance:

Essential characteristics (EN 10210-1:2006, Appendix ZA)	Performance	Harmonized technical specification
Tolerances on dimensions	passed	EN 10210-1:2006 EN 10210-2:2019
Elongation	≥ 19 % longitudinal (for T ≤ 65 mm)	EN 10210-1:2006
Tensile strength	520 – 680 MPa (for T ≤ 65 mm)	EN 10210-1:2006
Yield strength	≥ 420 MPa (for T ≤ 16 mm) ≥ 400 MPa (for T >16 ≤ 40 mm)	EN 10210-1:2006
Impact strength	≥ 27 J at -50 °C longitudinal (for T ≥ 6 mm)	EN 10210-1:2006
Weldability	CEV ≤ 0.50 % (for T ≤ 16 mm) CEV ≤ 0.52 % (for T > 16 ≤ 65 mm)	EN 10210-1:2006
Durability	No Performance Determined	EN 10210-1:2006

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Gerald Gfrerer, Technical Managing Director



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(Signature)

Robert Sonnleitner, General Manager Quality Department



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(Signature)

Kindberg, September 19th, 2024

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