



Declaration of Performance – LE-No.: 10

according to Appendix III EU CPR (305/2011/EU)

for the construction product, hot finished steel tubes

1. Unique identification code of the product type:	S 420MH according to EN 10219-1:2006	
2. Application of the product:	Hollow profiles for steel construction	
3. Address of the manufacturer: According to article 11 paragraph 5	Mannesmann Line Pipe GmbH In der Steinwiese 31 – 57074 Siegen Kissinger Weg 55 – 59067 Hamm	
4. Plenipotentiary	See point 3	
5. System for validation and investigation of performance	System 2+	
6. The notified body:	TÜV NORD Systems GmbH & Co. KG D-22525 Hamburg ID no.: 0045	
7. Harmonised Standard	DIN EN 10219-1, Attachment ZA	
8. Declared performances		
Fundamental properties	Performance	Harmonised technical specification
Measurements and form	Tolerances according to Section 6	EN 10219-2:2019
Mechanical properties* Tensile strength Rm Yield strength ReH Elongation A Impact energy KV	Table A.3 T ≤ 40 mm 500-660 MPa T ≤ 16 mm 420 MPa T > 16 ≤ 40 mm 400 MPa T ≤ 40 mm 19 % 40 J (-20°C) = 27 J (-30°C)	EN 10219-1:2006, Annex A
Suitability for welding* max. carbon equivalent	Table A.2 T ≤ 40 mm 0,43 %	EN 10219-1:2006, Annex A
Durability	No performance determined	EN 10219-1 Annex ZA

*T = Wall thickness

The performance of the product in 1. is in conformity with the set of declared performances in 8. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer in 3.

Signed by the manufacturer and on behalf of the manufacturer by:

Name and position:

Dr. rer. nat. Hans-Jürgen Kocks / IMB

Place, date, signature:

Siegen, 19.07.2024,



This document can be downloaded: www.mannesmann-linepipe.com