

CERTIFICATE

CONCERNING FACTORY PRODUCTION CONTROL ACCORDING TO EN 10210-1:2006, ANNEX ZA

The Certification Body for Structural Metallic Products of TÜV NORD Systems GmbH & Co. KG hereby confirms in accordance with the Regulation (EU) Number 305/2011 of 09 March 2011 that the company

**Benteler Steel Tube GmbH,
Werk 41, Residenzstr. 1
33104 Paderborn
Germany**

has been certified with their construction product

**Hot finished seamless structural hollow sections of
non-alloy and fine grain steels according to
Annex A and B of EN 10210-1:2006
- Details see table on page 2 -**

which was subject to an initial inspection of the products by the manufacturer and that the construction product is subjected to a continuous factory production control (FPC). The Notified Body conducted an initial inspection of the plant and of the FPC and performs continuous monitoring and conformity assessment of the FPC (System 2+). The producer is responsible for the usability of the CE-marked structural products acc. to the product standard and the Declaration of Performance (DoP).

Certificate No.: 0045-CPR-0606

Year of first certification: 2011

This certificate has been issued in accordance with the Construction Products Regulation and is valid provided the provisions of the harmonised technical specification indicated are complied with and the manufacturing conditions in the plant or the factory production control are not modified to a major degree.



Hamburg, 05.01.2017



Meshkov

Validity endorsement:

Valid until 04.01.2022

TÜV NORD Systems GmbH & Co. KG
Große Bahnstraße 31

Revision status:

Rev.: 00 / 05.01.2017

File : 1326WL060672

SAP: 8114218431

Certification Body
- Structural Metallic Products -
of TÜV NORD Systems GmbH & Co. KG
Notified Body, ID number 0045

Certification Body – Structural Metallic Products
of TÜV NORD Systems GmbH & Co. KG (Reg. No. 0045)

**Scope of the inspection of construction product manufacturers
according to CPR (EU) No.: 305/2011 of 09 March 2011**

Annex to Certificate : 0045-CPR-0606

Date : 05.01.2017

Reference : 1326WL060672 / SAP No. 8114218431

Year of initial inspection : 2011

Company : Benteler Steel/Tube GmbH



Place of manufacture : 33104 Paderborn, Germany

The following construction products are subject to factory production control whose conformity with the harmonised technical specification mentioned is regularly checked and certified by the Certification Body for Structural Metallic Products of TÜV NORD Systems GmbH & Co. KG:

Construction Product	Range of Dimensions [mm]	Materials
Hot finished seamless structural hollow sections according to EN 10210-1	EN 10210-2 Diameter : 21,3 – 53,5 Thickness : 2,0 – 7,1	Annex A : S235JRH ; S275J0H ; S275J2H S355J0H ; S355J2H ; S355K2H Annex B : S275NH ; S275NLH ; S355NH ; S355NLH ; S420NH ; S420NLH ; S460NH ; S460NLH



Signature editor : Meshkov
Certification Body - Structural Metallic Products

SCM-Produkt/TAA/202120 Page 1 of 2 Date: 19.07.2017	Declaration of Performance acc. to Annex III of Regulation (EU) No. 305/2011	 BENTELER  Steel/Tube
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Hot finished structural hollow sections of non-alloy and fine grain steels

No. 41CPR002

1. Unique identification code of the product-type:

EN 10210-1 according to Annex A and Annex B

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

**To be used in metal structures or in composite metal and concrete structures
acc. to EN 10210 Annex ZA, Table ZA.1**

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

**BENTELER Steel/Tube GmbH
Residenzstrasse 1
33104 Paderborn
Germany**

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

Not applicable

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

System 2+

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

The notified body **TÜV NORD Systems, Reg.No. 0045** performed the initial inspection of the manufacturing plant and the factory production control with continuous surveillance, assessment and evaluation under system 2+ and issued the following certificate:

**Certificate of factory production control according to DIN EN 10210-1:2006, Annex ZA
Certificate-No.: 0045-CPR-0606**

7. Declared performance:

All requirements, including all essential characteristics and the appropriate performances for the use stated in point 2, have been determined as described in the European Harmonised Standards of the following table.

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape.	Pass/fail limits are specified in Table 2	EN 10210-2:2006, Clause 6
Elongation	% values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Tensile strength	MPa values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Yield strength	MPa values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Impact strength	J values to be achieved are contained in Annexes A und B	EN 10210-1:2006, 6.6.1, Tables A.3 and B.3
Weldability	CEV value specified; Tables in Annexes A und B; Calculation formular specified.	EN 10210-1:2006, 6.5, Tables A.2 and B.2 and 6.7.1
Durability ^a	No performance determined (NPD); By option to specify that the product is suitable for galvanizing.	EN 10210-1:2006, 6.7.2
^a Durability (against corrosion) is dependent on the method of protection and/or thickness of coating.		

8. Angemessene Technische Dokumentation und/oder Spezifische Technische Dokumentation:
 The performance of the product identified above is in conformity with the set of declared performance/s.
 This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Dr. Andreas Hauger, Managing Director



(signature)

Frank Brinkschroeder, Director Product Management Construction



(signature)

Paderborn, 26.07.2017