TATA STEEL

Declaration of Performance

(according to Regulation EU No 305/2011)

Unique ID code TSNT 420MH [Grade S420MH / 1.8847]

Harmonised standard EN 10219-1:2006 - Cold formed welded structural

hollow sections of non-allov and fine grain steels -Part 1: Technical delivery conditions (issued on the

Official Journal of the European Union on

01/02/2007)

Intended use To be used in metal structures or in composite

metal and concrete structures. This product is supplied with a specific inspection document 3.1 (according to EN 10204) that includes the full length non-destructive testing of the weld (as defined in table 2 of EN 10219-1). This product is suitable for being used as constituent product of a steel

structure according to EN 1090.

TATA STEEL NEDERLAND TUBES BV Manufacturer

Registered in Netherlands No. 20022812

Registered office: Souvereinstraat 35. Oosterhout.

4903 RH, Netherlands

Website: www.tatasteeleurope.com

System of AVCP System of assessment and verification of constancy

> of performance of the product System 2+ (FPC Certificate No: 2814/CPR/RQA2007001/A)

Notified body Notified body No. 0343

LRQA Nederland B.V. George Hintzenweg 77 3068 AX Rotterdam

Netherlands

DocuSigned by:

BBAC84320D6F4FC

Jacob Gerkema Managing Director

Tata Steel Nederland Tubes B.V. Souvereinstraat 35, Oosterhout, 4903 RH

Netherlands

Date 01/04/2024





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TATA STEEL NEDERLAND TUBES BV Registered in Netherlands No. 20022812 Registered office: Souvereinstraat 35. Oosterhout, 4903 RH. Netherlands

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TSNT 420MH [Grade S420MH / 1.8847]

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Performance declared for the following essential characteristics:

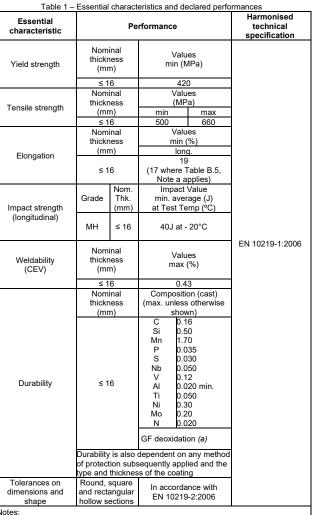
Yield strength: 420 MPa Tensile strength: 500 - 660 MPa **Elongation:** 19% (17% where Table B.5.a applies)

Impact strength: 40J at - 20°C Weldability (CEV): 0.43%

Durability: See Declaration of Performance Tolerances on dimensions and shape: In accordance with

EN 10219-2:2006

Dangerous Substances: No Performance Determined (NPD)



(a) GF - Fully killed steel containing nitrogen binding elements

TATA STEEL

Declaration of Performance

(according to The Construction Products (Amendment etc.) (EU Exit) Regulations SI 2020-1359)

Unique ID code TSNT 420MH [Grade S420MH / 1.8847]

Designated standard EN 10219-1:2006 - Cold formed welded structural

hollow sections of non-alloy and fine grain steels -Part 1: Technical delivery conditions (issued on the Official Journal of the European Union on

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Manufacturer TATA STEEL NEDERLAND TUBES BV

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4903 RH, Netherlands

Website: www.tatasteeleurope.com

System of AVCP System of assessment and verification of constancy

of performance of the product System 2+ (FPC Certificate No: 0038/CPR/RQA20070001/A)

Date 01/04/2024

Approved body Approved body No. 0038

LRQA Verification Ltd.
1 Trinity Park, Bickenhill Lane

Solihull, West Midlands

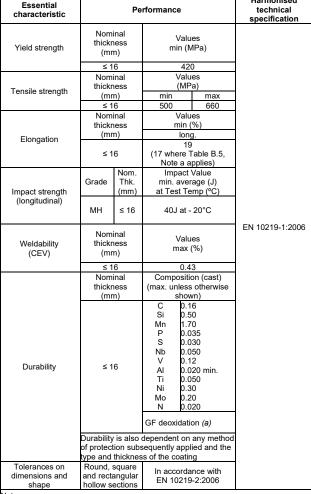
Birmingham B37 7ES United Kingdom

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Jacob Gerkema Managing Director Tata Steel Nederland Tubes B.V. Souvereinstraat 35, Oosterhout, 4903 RH Netherlands Table 1 - Essential characteristics and declared performances

Harmonised





(a) GF – Fully killed steel containing nitrogen binding elements





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