# TATA STEEL

### **Declaration of Performance**

(according to Regulation EU No 305/2011)

Unique ID code TST Celsius355NLH [Grade S355NLH / 1.0549]

Harmonised standard EN 10210-1:2006 - Hot finished 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 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 10210-1). This product is suitable for being used as constituent product of a steel structure according to EN 1090. Table 1 of EN 1090-2:2018 requires a 3.1 inspection document for

structural steel above S275.

TATA STEEL UK LIMITED Manufacturer

Registered in England No. 2280000

Registered office: 18 Grosvenor Place, London,

SW1X 7HS. UK

Website: www.tatasteeleurope.com

Authorised

representative Simon Edwards - Technical Director (acting)

Tata Steel

Wenckebachstraat 1

Velsen Noord 1951 JZ NL

PO Box 10.000 IJmuiden 1970 CA NL

System of AVCP System of assessment and verification of constancy

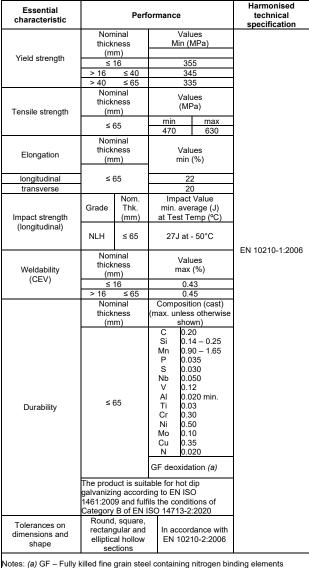
of performance of the product System 2+ (FPC Certificate No: 0343/CPR/LRQ0840080/A)

Notified body Notified body No. 0343

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

Richard Sidebottom Director Mills, DSO & Technical Date 01/04/2024











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TATA STEEL UK LIMITED Registered in England No. 2280000 Registered office: 18 Grosvenor Place, London, SW1X 7HS,

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TST Celsius355NLH [Grade S355NLH / 1.0549]

#### EN 10210-1:2006

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#### Performance declared for the following essential characteristics:

Yield strength: 355 MPa (≤ 16 mm) Tensile strength: 470 - 630 MPa Elongation: 22%

Impact strength: 27J at - 50°C **Weldability (CEV):** 0.43% (≤ 16 mm) **Durability:** See Declaration of Performance

Tolerances on dimensions and shape: In accordance with

EN 10210-2:2006

Dangerous Substances: No Performance Determined (NPD)

## TATA STEEL

### **Declaration of Performance**

(according to The Construction Products (Amendment etc.) (EU Exit) Regulations 2020 No 1359)

TST Celsius355NLH [Grade S355NLH / 1.0549] Unique ID code

EN 10210-1:2006 - Hot finished structural hollow Designated standard sections of non-alloy and fine grain steels - Part 1:

Technical delivery conditions (issued on the Official Journal of the European Union on 01/02/2007)

To be used in metal structures or in composite Intended use

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Manufacturer TATA STEEL UK LIMITED

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Website: www.tatasteeleurope.com

System of AVCP System of assessment and verification of constancy

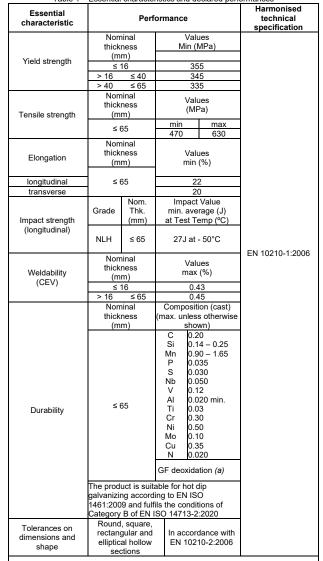
> of performance of the product System 2+ (FPC Certificate No: 0038/CPR/LRQ0840080/A)

Approved body No. 0038 Approved body

LRQA Verification Limited 1 Trinity Park, Bickenhill Birmingham, B37 7ES

Richard Sidebottom Director Mills, DSO & Technical Date 01/04/2024











TATA STEEL UK LIMITED Registered in England No. 2280000 Registered office: 18 Grosvenor Place, London, SW1X 7HS, UK

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TST Celsius355NLH [Grade S355NLH / 1.0549]

EN 10210-1:2006

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