

TATA STEEL



Declaration of Performance (according to Regulation EU No 305/2011)

Ref: TST-Celsius355-J2H
Hot finished structural hollow sections
 Grade S355J2H / 1.0576 according EN 10210-1

Structural fabrications in accordance with EN 1090, when supplied with 3.1 certification to EN 10204 containing product identification details.

Tata Steel UK Limited
 Tubes Europe
 PO Box 101, Weldon Road
 Corby, NN17 5UA
 Tel: +44 (0)1536 402121
 Website: www.tatasteeleurope.com

System of assessment and verification of constancy of performance of the product
System 2+

Notified factory production control certification body No. 0038 performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control

Notified Body
 Lloyds Register Verification Limited
 71 Fenchurch Street, London, EC3M 4BS
 Tel :+44 (0)207 423 2428
 Email : eodfractives@lr.org
 Website : www.lr.org

Ranoo Bhanu - Director Operations, Tubes Europe
 Tata Steel UK Limited

Date 27-6-2013

Essential characteristic	Performance	Harmonised technical specification	
Tolerances on dimensions and shape	Round, square, rectangular and elliptical hollow sections In accordance with EN 10210-2:2006	EN10210-1-2006	
Yield strength	Nominal thickness (mm)		Values min (MPa)
	15 - 16		355
Tensile strength	Nominal thickness (mm)		Values min max (MPa)
	15 - 16		510 630
Elongation	Nominal thickness (mm)		Values min (%)
	15 - 16		22
Impact strength (ergonomical)	Grade		Impact Value (J) at Test Temp (°C)
	J2H		27J at -20°C
Weldability (CEV)	Nominal thickness (mm)		Values max (%)
	15 - 16	0.47	
Durability	Nominal thickness (mm)	Composition (cast) (max. unless otherwise shown)	
	≤40	C: 0.22 Si: 0.65 Mn: 1.60 P: 0.030 S: 0.030 FF deoxidation*	

Notes: *FF - Fully killed steel containing nitrogen binding elements

 0038	Tata Steel Tubes Europe PO Box 101, Weldon Road Corby, NN17 5UA, UK 13
Ref: TST-Celsius355-J2H EN 10210-1: 2006	Hot finished structural hollow sections produced from non-alloy steel Grade S355J2H / 1.0576 according EN 10210-1 Structural fabrications in accordance with EN 1090, when supplied with 3.1 certification to EN 10204 containing product identification details. Information on regulated characteristics in accordance with EN10210 for: Elongation : Tensile Strength : Yield Strength : Impact Strength : Weldability : Durability :
Dangerous Substances : No Performance Determined	