

Declaration of Performance

N° 0121/001 rel.3

Identification code of the product-type	Welded tube made of non-alloy structural steel S235JRH/1.0039 in accordance with EN10219:2006.
Identification of the construction product	In accordance with the information included in the identification label with barcode and/or bundle number and in the inspection certificate.
Intended use of the construction product	Cold formed welded structural hollow sections of circular, square, or rectangular shape formed cold without subsequent heat treatment.
Manufacturer (registered office)	Marcegaglia Carbon Steel Via Bresciani, 16 – 46040 Gazoldo degli Ippoliti (MN) – Italia
Production plant	Dusino San Michele Corso Industria, 42 – 14010 Dusino San Michele (AT) - Italia
System of assessment and verification of constancy of performance of the construction product	2+
Name and identification number the notified body	RINA Service S.p.A. – Via Corsica, 12 – 16128 Genova - Italia 0474- CPR-0141
Notified Body and ID No (UKCA mark)	CARES - Pembroke House, 21 Pembroke Road Sevenoaks, Kent, TN13 1XR 1244

Notified factory production control certification body performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and issued the certificate of conformity of the factory production control.

Declared performance

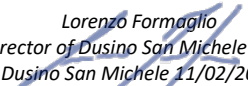
Essential Characteristic			Performance			Harmonised Technical specification
Tolerances on dimensions and shape	Round, square and rectangular section		In accordance with EN10219:2006			EN10219-1:2006
Durability (chemical composition)	Nominal thickness (mm)		Values			
	>	≤	-	max (%)		
	-	16		C: 0,17 Si: - Mn: 1,40	P: 0,040 S: 0,040 N: -	
Yield strength	Nominal thickness (mm)		Values			
	>	≤	min (MPa)	max (MPa)		
	-	16	235	-		
Tensile strength	Nominal thickness (mm)		Values			
	>	≤	min (MPa)	max (MPa)		
	-	3	360	510		
	3	16	360	510		
Elongation (b,c)	Nominal thickness (mm)		Values			
	>	≤	min (%)	max (%)		
	-	16	24	-		
Impact strength (a,d)	Nominal thickness (mm)		Values			
	>	≤	min (J)			
	-	16	27 at 20°C	-		
Weldability CEV	Nominal thickness (mm)		Values			
	>	≤		max (%)		
	-	16	-	0,35		
<div>a. Impact properties are verified only when option 1.3 is specified.</div> <div>b. See derogations here below:<div><div>□ For thicknesses > 3 mm and section sizes D/T < 15 (round) e (B+H)/2T < 12,5 (square and rectangular) the minimum elongation is reduced by 2.</div><div>□ For thicknesses ≤ 3,0 mm the minimum value for elongation is 17%</div></div></div> <div>c. For thicknesses < 3,0 mm the percentage elongation may be reported for a gauge length of 80 mm or 50 mm</div> <div>d. Impact test, when applicable or required, shall be carried out in accordance with EN10219-1. Impact test is not required for specified thicknesses < 6 mm.</div>						

The performance of the above mentioned product complies with the set of declared performances.

This responsibility statement is issued in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer identified above.

This responsibility statement is issued in accordance with Construction Products Regulation 2011 (retained EU law EUR 305/2011) as amended by the Construction Products (Amendment etc.) (EU Exit) Regulations 2019 and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of Marcegaglia
Carbon Steel by:


Lorenzo Formaglio
Director of Dusino San Michele plant
Dusino San Michele 11/02/2025

This declaration of performance is valid only in presence of the material identification label and the waybill or the inspection certificate issued after delivery.