

**DECLARATION OF PERFORMANCE  
(Regulation (EU) No 305/2011)  
No. CTH-01/2023**

1. Unique identification code of product-type:  
**Spirally welded hollow section of steel grades: S235JRH, S275J0H and S355J2H according to EN 10219-1:2006**
2. Intended use or uses of construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
**Cold formed welded structural hollow sections for steel building or concrete/steel building**
3. Name, registered trade name or registered trade mark and contact address of the manufacturer:  
**COMTECH CO S.R.L.  
Constructorului street no 3, Slatina, Romania**
4. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
**System 2+**
5. Harmonized standard:  
**EN 10219-1:2006  
Cold formed welded structural hollow sections of non-alloy and fine grain steel. Part 1: Technical delivery requirements.**
6. Notified body:  
**TUV AUSTRIA  
34744, Istanbul Turkey  
Identification number of the notified body: 2737  
Certificate of Conformity of Factory Production Control: 2737-CPR-23-PC-0461-TAT-0246**
7. In case of the declaration of performance concernig a construction product covered by a harmonised standard:  
**Notified factory production control certification body No. 2737 performed the initial inspection of the manufacturing plant and of the factory production control and the continuous surveillance, assessment and evaluation of the factory production control and issued the certificate of conformity of the factory production control.**

## 8. Declared performance:

Essential Characteristics	Performance		Harmonized technical specification
Tolerances on dimensional shape	Outside diameter	±1% With a min of ±0.5 mm and a max of ±10 mm	EN 10219-2:2006 Table 2 Art 6
	Thickness	For D ≤ 406.4 mm T ≤ 5 mm ±10% T > 5 mm ±0.5 mm For D > 406.4 mm ±10% with max ±2 mm	
	Out-of-roundness	2% at diameter/thickness ratio ≤ 100	
	Straightness	0.2% of total length and 3 mm over any 1 m of length	
	Weight	±6% from each individual lengths	
Yield strength R <sub>eH</sub>	S235JRH	Min 235 MPa	EN 10219-1:2006 Art 6.7.1, Tables A.3, B.4 and B.5
	S275J0H	Min 275 MPa	
	S355J2H	Min 355 MPa	
Tensile strength R <sub>m</sub>	S235JRH	360 to 510 MPa	
	S275J0H	410 to 560 MPa	
	S355J2H	470 to 630 MPa	
Elongation %	S235JRH	Min 24	EN 10219-1:2006 Art 6.7.1, Tables A.3, B.4 and B.5
	S275J0H	Min 20	
	S355J2H	Min 20	
Impact strength KV	S235JRH	Min 27J at 20°C	EN 10219-1:2006 Art 6.7.2, Tables A.3, B.4 and B.5
	S275J0H	Min 27J at 0°C	
	S355J2H	Min 27J at -20°C	
Weldability CEV Max	S235JRH	0.35 %	EN 10219-1:2006 Art 6.5, Tables A.1, B.1, B.2 and 6.8.1
	S275J0H	0.40 %	
	S355J2H	0.45 %	
Durability	NPD		EN 10219-1:2006 Art 6.8.2

 9. The Declaration of Performance to download: <http://www.comtechco.ro>

10. The performance of the product identifies in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Mihaela Georgescu – Quality Certification Department

Slatina, 06.2023

