

INDUSTRIELAAN 4 B-8501 KORTRIJK-HEULE Belgium

DECLARATION OF PERFORMANCE¹ N°

EN 1090-1 DoP ENG. 03 EN10255

1 Unique identification code of the product-type:

Component(s)² according to EN 1090-2 following customer's specification and produced out of non-alloy steel tubes suitable for welding and threading, made according to EN 10255 ; with types and grades:

○ **S195T - 1.0026**

- Applied processes: activities of manufacturing (3.6), execution (3.7), preparation (3.12) according to EN 1090-2+A1:2013.
- Applicable processes: decoiling and cutting to length of sheets, sawing, shearing and nibbling, thermal cutting, laser cutting, drilling of holes, shot blasting, painting, batch galvanizing, electrolytic zinc coating, coating

2 Intended use/es:

For structural use in all types of construction works according to EN 1090-1.

3 Manufacturer:

SAEY nv/sa – SAEY sarl, Industrielaan 4, B-8501 Heule

4 Authorised representative:: **not of application**

5 System of AVCP:

System 2+, Declaration of the performance of the essential characteristics of the construction product by the manufacturer

¹ As reproduced from COMMISSION DELEGATED REGULATION (EU) No 574/2014 of 21 February 2014 amending Annex III to Regulation (EU) No 305/2011 of the European Parliament and of the Council on the model to be used for drawing up a declaration of performance on construction products. The CPR* takes precedence over the (annexes ZA of the harmonised) standards that must still be reviewed. [* Including its article 61 "The power to adopt delegated acts referred to in Article 60 shall be conferred on the Commission for a period of 5 years from 24 April 2011."]

² According to article 3.11 of EN 1090-2:2008+A1:2011 (E)

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6 Harmonised standard, Notified body:

EN 1090-1:2009+A1:2011, OCAB-OCBS CE1148 performed initial inspection of the manufacturing plant and of factory production control and performs continuous surveillance, assessment and evaluation of factory production control under system **2+** and issued the certificate of conformity of the factory production control **2014-07-11**.

7 Declared performance(s)

NBN EN 1090-1+A1 : 2012		
Essential characteristics	Performance	Harmonised technical specification EN 1090-1
Tolerances on dimensions and shape	Tolerances according to the class for fundamental tolerances in EN1090-2 and according to article 8.3 of EN10255	4.2 ; 5.3
Weldability	According to article 8.2.1 and table 1 of EN10255	4.3 ; 5.4
Fracture toughness, Impact resistance	NPD	4.3 ; 5.4 ; 4.8 ; 5.10
Load bearing capacity	According to table 1 of EN10255	4.5.1 ; 4.5.2 ; 5.6.2
Deformation in Service limit state	According to table 1 of EN10255	4.5.5
Fatigue strength	NPD	4.5.1 ; 4.5.3 ; 5.6.2
Resistance to fire	NPD	4.5.1 ; 4.5.4 ; 5.7
Reaction to fire	Class A1 for products without coating	4.6 ; 5.8
Release of cadmium and its compounds	NPD	4.7 ; 5.9
Emission of radioactivity	NPD	4.7 ; 5.9
Durability	According to article 8.2.1 and table 1 of EN10255. Suitability for hot dip galvanising according to EN ISO 1461 and EN ISO 14713-2	4.9 ; 5.11

8 Appropriate Technical Documentation and/or Specific Technical Documentation:

- See included annexes (EN 10255-2: Table 1) and CE-marking of the delivered components.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

 Bernard Saey
 Managing Director

 Heule, August 13th, 2018.


INCLUDED ANNEXES : EN 10255 : table 1.

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Table 1 — Chemical composition (cast analysis) and mechanical properties

Steel Grade		Chemical composition %				Mechanical Properties		
						Upper Yield strength	Tensile strength	Elongation
Steel Name	Steel Number	C max	Mn max	P max	S max	R _{eH} min. (MPa)	R _m (MPa)	A min. %
S 195T	1.0026	0,20	1,40	0,035	0,030	195	320 to 520	20