



Tomrods Ltd  
Hambleton Steel Works  
York Road; Thirsk; YO7 3BT  
[www.tomrods.co.uk/dop](http://www.tomrods.co.uk/dop)



### Declaration of Performance

#### Intended use:

Structural metallic construction components intended for use in steel structures or composite steel and concrete structures where the components can be made from hot rolled, cold-formed or with other technologies - sections/profiles with various shapes, flat products (plates, sheets, strip), bars, castings, forgings made of steel materials.

#### System of Assessment & Verification of Constancy of Performance

System 2+

#### Approved up to and including Execution Class 4

#### Notified Body (Number 2273)

Steel Construction Certification Scheme; 4 Whitehall Court; Westminster; London, SW1A 2ES Tel: 020 7839 8566 Website: [www.steelconstruction.org](http://www.steelconstruction.org)

SCCS has performed (i) An initial inspection of the manufacturing plant and factory product control and (ii) Continuous surveillance, assessment and evaluation of factory production control and issued Factory Production Control certificate 2273-CPR-0141.

Essential Characteristics	Performance	Harmonised Technical Specification
Tolerances of Dimensions and Shape	EN 1090-2	EN10219-1+A1:2011
Weldability	EN 10025-2:	EN10219-1+A1:2011
	S235, S275, S355	
	EN 10210-1 / EN 10219-1:	
	S235, S275, S355, S420, S460	
Fracture toughness/impact resistance	EN10025-2/EN10210-1/EN10219-1	EN10219-1+A1:2011
	JR(H) 27J @ 20°C	
	JO (H) 27J @ 0°C	
	J2(H) 27J @ -20°C	
	K2(H) 40J @ -20°C	
	NH, NLH, MH, MLH 40J@-20°C & 27J@-50°C	
Loadbearing capacity	NPD	EN10219-1+A1:2011
Fatigue strength	NPD	EN10219-1+A1:2011
Resistance to fire	NPD	EN10219-1+A1:2011
Reaction to fire	Class A1 (Steel only)	EN10219-1+A1:2011
Release of cadmium and its compounds	NPD	EN10219-1+A1:2011
	NPD	EN10219-1+A1:2011
Radioactivity	NPD	EN10219-1+A1:2011
Durability	NPD	EN10219-1+A1:2011

Signed for on behalf of Tomrods Ltd. by:

Date: 06.01.2023

Jacek Przybyl

Purchasing Director



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### Declaration of Performance

#### Processes included in this DOP

Drilled material

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Tolerances of Dimensions and Shape	EN 1090-2	EN10219-1+A1:2011
Weldability	EN 10025-2:	EN10219-1+A1:2011
	S235, S275, S355	
	EN 10210-1 / EN 10219-1:	
	S235, S275, S355, S420, S460	
Fracture toughness/impact resistance	EN10025-2/EN10210-1/EN10219-1	EN10219-1+A1:2011
	JR(H) 27J @ 20°C	
	JO (H) 27J @ 0°C	
	J2(H) 27J @ -20°C	
	K2(H) 40J @ -20°C	
	NH, NLH, MH, MLH 40J@-20°C & 27J@-50°C	
Loadbearing capacity	NPD	EN10219-1+A1:2011
Fatigue strength	NPD	EN10219-1+A1:2011
Resistance to fire	NPD	EN10219-1+A1:2011
Reaction to fire	Class A1 (Steel only)	EN10219-1+A1:2011
Release of cadmium and its compounds	NPD	EN10219-1+A1:2011
	NPD	EN10219-1+A1:2011
Radioactivity	NPD	EN10219-1+A1:2011
Durability	NPD	EN10219-1+A1:2011

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### Declaration of Performance

#### Processes included in this DOP

Shot Blasted material to ISO8501 sa 2.5

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#### System of Assessment & Verification of Constancy of Performance

System 2+

#### Approved up to and including Execution Class 4

#### Notified Body (Number 2273)

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Tolerances of Dimensions and Shape	EN 1090-2	EN10219-1+A1:2011
Weldability	EN 10025-2:	EN10219-1+A1:2011
	S235, S275, S355	
	EN 10210-1 / EN 10219-1:	
	S235, S275, S355, S420, S460	
Fracture toughness/impact resistance	EN10025-2/EN10210-1/EN10219-1	EN10219-1+A1:2011
	JR(H) 27J @ 20°C	
	JO (H) 27J @ 0°C	
	J2(H) 27J @ -20°C	
	K2(H) 40J @ -20°C	
	NH, NLH, MH, MLH 40J@-20°C & 27J@-50°C	
Loadbearing capacity	NPD	EN10219-1+A1:2011
Fatigue strength	NPD	EN10219-1+A1:2011
Resistance to fire	NPD	EN10219-1+A1:2011
Reaction to fire	Class A1 (Steel only)	EN10219-1+A1:2011
Release of cadmium and its compounds	NPD	EN10219-1+A1:2011
	NPD	EN10219-1+A1:2011
Radioactivity	NPD	EN10219-1+A1:2011
Durability	NPD	EN10219-1+A1:2011

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### Declaration of Performance

#### Processes included in this DOP

Shot Blasted material to ISO8501 sa 2.5 and Primer Painted

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	S235, S275, S355	
	EN 10210-1 / EN 10219-1:	
	S235, S275, S355, S420, S460	
Fracture toughness/impact resistance	EN10025-2/EN10210-1/EN10219-1	EN10219-1+A1:2011
	JR(H) 27J @ 20°C	
	JO (H) 27J @ 0°C	
	J2(H) 27J @ -20°C	
	K2(H) 40J @ -20°C	
	NH, NLH, MH, MLH 40J@-20°C & 27J@-50°C	
Loadbearing capacity	NPD	EN10219-1+A1:2011
Fatigue strength	NPD	EN10219-1+A1:2011
Resistance to fire	NPD	EN10219-1+A1:2011
Reaction to fire	Class A1 (Steel only)	EN10219-1+A1:2011
Release of cadmium and its compounds	NPD	EN10219-1+A1:2011
	NPD	EN10219-1+A1:2011
Radioactivity	NPD	EN10219-1+A1:2011
Durability	NPD	EN10219-1+A1:2011

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