

Declaration of Performance

Ref RPF053 Issue 1

Process:	Thermal Cutting CO² Laser - Oxy/Propane
Intended use:	Structural bespoke metallic construction profiled and formed components intended for use in steel structures or composite steel and concrete structures. Components can be produced using hot and cold formed materials and other technologies.
Manufacturer:	River Profiles Ltd, Unit 2 Old Mill Lane, Pratling Street, Aylesford, Kent ME20 7DT
System of assessment and verification of constancy performance:	System 2+
Notified Body:	BM TRADA Chiltern House Stocking Lane, Hughenden Valley High Wycombe Buckinghamshire, HP14 4ND
Notified Body Number:	1224

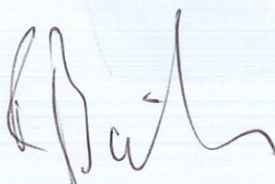
BM Trada has performed (i) initial inspection of the manufacturing plant and factory product control and (ii) continuous surveillance, assessment and evaluation of factory production control and issued Factory Production Control Certificate **1224-CPR-0694** and Welding Certificate **N/A**

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	BS EN 1090-2, Quality of Cut surfaces in accordance with EN ISO 9013. Hardness of free edge surfaces in accordance with BS EN 1090 - 2: 2008 +A1 2011	BS EN 1090 -1:2009+A1:2011
Weldability	BS EN 10025-2; S235, S275, S355 BS EN10210-1/BS EN10219-1: S235,S275, S355, S420,S460 BS EN 1090 - 2 (Hardness tolerance <380HV)	BS EN 1090 -1:2009+A1:2011
Fracture toughness / brittle strength (steel components only)	BS EN10025 -2/BS EN10210-1/BS EN10219-1 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 BS EN 1090 - 2 (Hardness tolerance <380HV)	BS EN 1090 -1:2009+A1:2011
Load bearing capacity	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Fatigue strength	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Resistance to fire	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Reaction to fire	Class A1 (Steel only)	BS EN 1090 -1:2009+A1:2011
Release of cadmium and its compounds	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Radioactivity	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Durability	No Performance Determined	BS EN 1090 -1:2009+A1:2011

The performance of the product identified above is in conformity with the declared performance identified in the table.

Signed for and on behalf of **River Profiles Ltd** by:

**Roy Burmingham
Managing Director
River Profiles Ltd**





Declaration of Performance

Ref RPF063 Issue 1

Process:	Holing
Intended use:	Structural bespoke metallic construction profiled and formed components intended for use in steel structures or composite steel and concrete structures. Components can be produced using hot and cold formed materials and other technologies.
Manufacturer:	River Profiles Ltd, Unit 2 Old Mill Lane, Pratling Street, Aylesford, Kent ME20 7DT
System of assessment and verification of constancy performance:	System 2+
Notified Body:	BM TRADA Chiltern House Stocking Lane, Hughenden Valley High Wycombe Buckinghamshire, HP14 4ND
Notified Body Number:	1224

BM Trada has performed (i) 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 1224-CPR-0694 and Welding Certificate N/A

Essential characteristics	Performance	Harmonised technical specification
Tolerances on dimensions and shape	BS EN 1090-2, Tolerance class D.1.8 Fastener holes, notches and cutouts. BS EN 1090-2, Quality of Cut surfaces in accordance with EN ISO 9013. Hardness of free edge surfaces in accordance with BS EN 1090 - 2: 2008 +A1 2011	BS EN 1090 -1:2009+A1:2011
Weldability	BS EN 10025-2; S235, S275, S355 BS EN10210-1/BS EN10219-1: S235,S275, S355, S420,S460 BS EN 1090 - 2 (Hardness tolerance <380HV)	BS EN 1090 -1:2009+A1:2011
Fracture toughness / brittle strength (steel components only)	BS EN10025 -2/BS EN10210-1/BS EN10219-1 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 BS EN 1090 - 2 (Hardness tolerance <380HV)	BS EN 1090 -1:2009+A1:2011
Load bearing capacity	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Fatigue strength	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Resistance to fire	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Reaction to fire	Class A1 (Steel only)	BS EN 1090 -1:2009+A1:2011
Release of cadmium and its compounds	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Radioactivity	No Performance Determined	BS EN 1090 -1:2009+A1:2011
Durability	No Performance Determined	BS EN 1090 -1:2009+A1:2011

The performance of the product identified above is in conformity with the declared performance identified in the table.

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