

# DECLARATION OF PERFORMANCE

## LI-01-16

<b>Type:</b>	Shearing
<b>Intended Use:</b>	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
<b>Manufacturer:</b>	Lilleshall Steel Services Limited Steel House Bristol Road Gloucester GL1 5TF
<b>System of assessment and verification of constancy of performance:</b>	System 2+
<b>Notified Body:</b>	Steel Construction Certification Scheme 4, Whitehall Court, Westminster London SW1A 2ES
<b>Notified Body No:</b>	2273
<b>Execution Class</b>	Approved up to and including EXC4.
Steel Construction Certificate Scheme has performed:- (i) An initial inspection of the manufacturing plant & factory product control and (ii) Continuous surveillance, assessment and evaluation of factory production control and issued Factory Control Certificate 2273-CPR-0052.	

Essential Characteristics	Performance	Harmonised technical specification
<b>Tolerances on dimensions and shape</b>	EN 1090-2	EN 1090-1:2009+A1:2011
<b>Weldability</b>	EN 10025-2: S235, S275, S355	EN 1090-1:2009+A1:2011
<b>Fracture toughness/impact resistance</b>	EN10025-2 JR 27J @ 20°C JO 27J @ 0°C J2 27J @ -20°C K2 40J @ -20°C	EN 1090-1:2009+A1:2011
<b>Load bearing capacity</b>	NPD	EN 1090-1:2009+A1:2011
<b>Fatigue strength</b>	NPD	EN 1090-1:2009+A1:2011
<b>Resistance to fire</b>	NPD	EN 1090-1:2009+A1:2011
<b>Reaction to fire</b>	Class A1 (steel only)	EN 1090-1:2009+A1:2011
<b>Release of cadmium and its compounds</b>	NPD	EN 1090-1:2009+A1:2011
<b>Radioactivity</b>	NPD	EN 1090-1:2009+A1:2011
<b>Durability</b>	EN 10025-2: S235, S275, S355	EN 1090-1:2009+A1:2011

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

Signed for and on behalf of the manufacturer.



Mel Bray  
Director, Integrated Management Systems

