

# DECLARATION OF PERFORMANCE (DOP)

DOC Revision

Type	Cold Bending	Drilling	Laser (Dudley)	Laser Plate Cutting	Plasma Plate Cutting	Plate Profiling - oxy-propane flame cutting	Punching & Cropping	Shot Blasted material to ISO8501 sa2.5	Shot Blasted material to ISO8501 sa2.5 & Primer Painted	OM04-Dec 2021
Included in This DOP		Yes						Yes	Yes	
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.									
Manufacturer	Omega Steel Limited Glebe Road, Scunthorpe, North Lincs, DN15 6AF									
System of Assessment & Verification of Constancy of Performance	System 2+									
Notified Body	Steel Construction Certification Scheme 4, Whitehall Court, Westminster, London, SW1A 2ES									
Notified Body No.	2273									
Execution Class	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 and welding certificate 2273-CPR-0052-WC.

Essential Characteristics	Performance			Harmonised Technical Specification
Tolerances on Dimensions & Shape	<b>EN 1090-2</b>			<b>EN 1090-1:2009 +A1:2011</b>
Weldability	<b>EN 10025-2:</b> S235, S275, S355 <b>EN 10210-1 / EN 10219-1:</b> S235, S275, S355, S420, S460	<b>EN 10025-2:</b> S235, S275, S355	<b>EN 10025-2:</b> S235, S275, S355 <b>EN 10210-1 / EN 10219-1:</b> S235, S275, S355, S420, S460	
Fracture Toughness / Impact Resistance	<b>EN10025-2 / EN10210-1 / EN 10219-1:JR(H)</b> 27J @ 20oC 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	<b>EN10025-2</b> JR 27J @ 20°C JO 27J @ 0°C J2 27J @ -20°C K2 40J @ 20°C	<b>EN10025-2 / EN10210-1 / EN 10219-1:</b> 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	
Load Bearing Capacity	NPD			
Fatigue Strength	NPD			
Resistance to Fire	NPD			
Reaction to Fire	Class A1 (Steel Only)			
Release of Cadmium & Its Compounds	NPD			
Radioactivity	NPD			
Durability	<b>EN 10025-2:</b> S235, S275, S355 <b>EN 10210-1 / EN 10219-1:</b> S235, S275, S355, S420, S460	<b>EN 10025-2:</b> S235, S275, S355	Surface preparation to <b>BS EN 1090-2</b> preparation grade P2, Surface Painted according to <b>BS EN ISO 12944.</b>	

The performance of the type of product identified above is in conformity with the declared performance identified in the table. This DOP is issued, in accordance with Regulation EU No. 305/2011, under the responsibility of the above manufacturer.

Signed for and on behalf of the manufacturer.



Sharon L. Smith  
Integrated Management Systems Director.



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The performance of the type of product identified above is in conformity with the declared performance identified in the table. This DOP is issued, in Regulation (UK) Statutory Instrument 2019 No 465 of the United Kingdom Parliament (The Construction Products (Amendment etc.) (EU Exit) Regulation 2019) and the Construction Products (Amendment etc.) (EU Exit) Regulations 2020., under the responsibility of the above manufacturer.

Signed for and on behalf of the manufacturer.



Sharon L Smith  
Integrated Management Systems Director.



