| | DE <u>C</u> | LARAT | ION OF | F PERFO | DRMA | NCE (D | <u> (90</u> | | | DOC Revision |
|---|--|---|--|------------------------|---|--|------------------------|---|--|---------------------------|
| Туре | 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 | BSS-Dec 2021 |
| Included in This DOP | | Yes | | Yes | Yes | 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 mad cold-formed or with other technologies - sections/profiles with various shapes, flat products (plates, sheets, strip), bars, castings, forgings made of steel material | | | | | | | | | |
| Manufacturer | Barrett Steel Shoreham Limited Basin Road South, Southwick, Brighton, BG41 1WF | | | | | | | | | |
| System of Assessment & Verification of Constancy of Performance | | | | | | | | | | |
| Notified Body | Steel Construction Certification Scheme 4, Whitehall Court, Westminster, London, SW1A 2ES | | | | | | | | | |
| Notified Body No. | | | | | | 2273 | | | | |
| Execution Class Steel Construction Certificate Scheme has p | | | | | Approved | d up to and inclu | ding EXC4 | | | |
| (ii) Continuous surveillance, ass Essential Characteristics | sessment and evaluation of factory production control and issued Factory Control Certificate 2273-CPR-0052 and welding certificate 2273-CPR-0052-WC. Performance | | | | | | | | Harmonised Technical Specificatio | |
| Telerences en Dimensions 9 Chanc | EN 1090-2 | | | | | | | | | |
| Tolerances on Dimensions & Shape | | | | | EN 109 | 0-2 | | | | |
| Tolerances on Dimensions & Shape Weldability | EN 1 | EN 10025-2: S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 | 219-1: | | EN 10 | 0025-2: 275, S355 | | S235, S2 EN 10210-1 | 0025-2: 275, S355 / EN 10219-1: 355, S420, S460 | - |
| | EN ² S235, EN10025-2 / | S235, S275, S35 | 219-1: 20, S460 10219-1:JR(H) °C °C @ -20°C | | EN 10 S235, S JR 27J JC 27J J2 27J K2 40J | 0025-2: 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 | EN 1090-1:200 +A1:2011 |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity | EN ² S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) °C °C @ -20°C | | EN 10 S235, S JR 27J JO 27 J2 27J K2 40J | 0025-2: 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 210-1 / EN 10219-1: 7J @ 20°C 7J @ 0°C J @ -20°C J @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity Fatigue Strength | EN ² S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) °C °C @ -20°C | | EN 10 S235, S JR 27J JO 27, J2 27J K2 40J NPC NPC | 0025-2: 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 210-1 / EN 10219-1: 7J @ 20°C 7J @ 0°C J @ -20°C J @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity Fatigue Strength Resistance to Fire | EN ² S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) °C °C @ -20°C | | EN 10 S235, S JR 27J JO 27 J2 27J K2 40J NPC NPC | 0025-2: 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 210-1 / EN 10219-1: 7J @ 20°C 7J @ 0°C J @ -20°C J @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity Fatigue Strength Resistance to Fire Reaction to Fire | EN ² S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) °C °C @ -20°C | | EN 10 S235, S EN10 JR 27J JO 27 J2 27J K2 40J NPC NPC Class A1 (St | 0025-2: 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 210-1 / EN 10219-1: 7J @ 20°C 7J @ 0°C J @ -20°C J @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance | EN ² S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) °C °C @ -20°C | | EN 10 S235, S JR 27J JO 27 J2 27J K2 40J NPC NPC | 0025-2: 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 210-1 / EN 10219-1: 7J @ 20°C 7J @ 0°C J @ -20°C J @ -20°C MLH 40J @ -20°C | |

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.



| | DE <u>C</u> | LARAT | ION OF | PERFC | DRMA | NCE (D | OOP) | | | DOC Revision |
|---|--|---|--|------------------------|--|--|---------------------------------|---|---|--|
| Туре | 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 | BSSX01-Dec |
| Included in This DOP | | Yes | | Yes | Yes | Yes | | Yes | Yes | 2021 |
| 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 cold-formed or with other technologies - sections/profiles with various shapes, flat products (plates, sheets, strip), bars, castings, forgings made of steel materials. | | | | | | | | | ade from hot rolled erials. |
| Manufacturer | Barrett Steel Shoreham Limited Basin Road South, Southwick, Brighton, BG41 1WF | | | | | | | | | |
| System of Assessment & Verification of Constancy of Performance | | | | | | | | | | |
| Notified Body | | | | 4, V | | truction Certifica , Westminster, I | ation Scheme _ondon, SW1A 28 | ES | | |
| Notified Body No. | | | | | | 2273 | | | | |
| Execution Class Steel Construction Certificate Scheme has p | | | | | Approved | l up to and inclu | ding EXC4 | | | |
| (i) An initial inspection of the ma (ii) Continuous surveillance, ass Essential Characteristics | | | | rol and issued Fac | ctory Control C Performa | | CPR-0052 and w | elding certificate 2273 | 3-CPR-0052-WC. | Harmonise Technical Specificatio |
| Tolerances on Dimensions & Shape | EN 1090-2 | | | | | | | | opecificatio | |
| Totoranoos on Dimensions a onape | EN 10025-2: EN 10025-2: S235, S275, S355 EN 10025-2: S235, S275, S355 EN 10210-1 / EN 10219-1: S235, S275, S355 EN 10210-1 / EN 10219-1: S235, S275, S355, S420, S460 S235, S275, S355, S420, S460 S235, S275, S355, S420, S460 | | | | | | | | | |
| Weldability | EN ' | S235, S275, S35 I 0210-1 / EN 10 2 | 219-1: | | | | | S235, S EN 10210-1 | 275, S355 / EN 10219-1: | - |
| Weldability Fracture Toughness / Impact Resistance | EN [/] S235, EN10025-2 / | S235, S275, S35 I 0210-1 / EN 10 2 | 219-1: 20, S460 10219-1:JR(H) C C °C @ -20°C | | S235, S EN1(JR 27J JO 27, J2 27J K2 40J | 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: | EN 1090-1:20 +A1:2011 |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity | EN [/] S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) C C °C @ -20°C | | S235, S: EN1(JR 27J JO 27, J2 27J K2 40J NPD | 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 1210-1 / EN 10219-1: 7J @ 20°C 17J @ 0°C 17J @ -20°C 10 @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity Fatigue Strength | EN [/] S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) C C °C @ -20°C | | S235, S EN1(JR 27J JO 27, J2 27J K2 40J NPD NPD | 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 1210-1 / EN 10219-1: 7J @ 20°C 17J @ 0°C 17J @ -20°C 10 @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity Fatigue Strength Resistance to Fire | EN [/] S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) C C °C @ -20°C | | S235, S EN1(JR 27J JO 27, J2 27J K2 40J NPD NPD NPD | 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 1210-1 / EN 10219-1: 7J @ 20°C 17J @ 0°C 17J @ -20°C 10 @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance Load Bearing Capacity Fatigue Strength Resistance to Fire Reaction to Fire | EN [/] S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) C C °C @ -20°C | | S235, S: EN1(JR 27J JO 27, J2 27J K2 40J NPD NPD NPD Class A1 (Ste | 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C eel Only) | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 1210-1 / EN 10219-1: 7J @ 20°C 17J @ 0°C 17J @ -20°C 10 @ -20°C MLH 40J @ -20°C | |
| Weldability Fracture Toughness / Impact Resistance | EN [/] S235, EN10025-2 / | S235, S275, S35 I0210-1 / EN 102 S275, S355, S42 EN10210-1 / EN 27J @ 200C JO(H) 27J @ 0-20 (2(H) 40J @ -20 (2(H) 40J @ -20 (2(H) 40J @ -20 H, MH, MLH 40J | 219-1: 20, S460 10219-1:JR(H) C C °C @ -20°C | | S235, S EN1(JR 27J JO 27, J2 27J K2 40J NPD NPD NPD | 275, S355 0025-2 @ 20°C J @ 0°C @ -20°C @ 20°C eel Only) | | S235, S EN 10210-1 S235, S275, S EN10025-2 / EN10 JR(H) 27 JO(H) 2 J2(H) 27 K2(H) 40 NH, NLH, MH, M | 275, S355 / EN 10219-1: 355, S420, S460 1210-1 / EN 10219-1: 7J @ 20°C 17J @ 0°C 17J @ -20°C 10 @ -20°C MLH 40J @ -20°C | |

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.



