Declaration of Performance (DoP) in acc. with

Construction Products (Amendment etc.) (EU EXIT) Regulations 2019 (No. 465) Construction Products (Amendment etc.) (EU EXIT) Regulations 2020 (No. 1359)

Nr. SZFG0904-UKCA-10025-28122022

1. Unique identification code of the product type:

   Hot rolled constructional steel products

2. Type, batch or serial number or any element allowing identification of the construction product:

   Continuously hot-rolled uncoated plate, sheet and strip made from non alloyed constructional steel S275JR in acc. with EN 10025-2

3. Intended use or uses of the construction product in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

   Welded, bolted and riveted structures

4. Name, registered trade name or registered trademark and contact address of the manufacturer:

   Salzgitter Flachstahl GmbH
   Eisenhüttenstraße 99
   D-38239 Salzgitter, Germany
   +49 5341 21 - 01
   +49 5341 21 - 2727
   www.salzgitter-flachstahl.de

5. Name and contact address of the authorised representative whose mandate covers the tasks:

   - not applicable -

6. System or systems of assessment and verification of constancy of performance of the construction product:

   System 2+

7. Declaration of performance concerning a construction product covered by a harmonised standard:

   Approved body - TÜV UK Ltd. (Reg.-Nr. 0879) - performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control in accordance with annex ZA of EN 10025-1:2004.

8. Declared performance:

<table>
<tr><th>Essential characteristic</th><th colspan="6">Performance</th><th>Harmonised technical specifcation</th></tr>
<tr><td rowspan="3">Tolerances on dimensions and shape</td><td colspan="4">thickness</td><td colspan="2" rowspan="3">see Page 3</td><td rowspan="15">EN 10025-1:2004</td></tr>
<tr><td colspan="4">width</td></tr>
<tr><td colspan="4">length</td></tr>
<tr><td rowspan="4">Yield strength</td><td colspan="2">Nominal thickness (mm)
t</td><td colspan="4">Values S275JR - EN 10025-2</td></tr>
<tr><td>></td><td>≤</td><td colspan="4">R_{eH} (MPa)</td></tr>
<tr><td></td><td>16</td><td colspan="4">275</td></tr>
<tr><td>16</td><td>25</td><td colspan="4">265</td></tr>
<tr><td rowspan="4">Tensile strength</td><td></td><td><</td><td colspan="4">R_m (MPa)</td></tr>
<tr><td></td><td>3</td><td colspan="2">430</td><td colspan="2">580</td></tr>
<tr><td>≥</td><td>≤</td><td colspan="6"></td></tr>
<tr><td>3</td><td>25</td><td colspan="2">410</td><td colspan="2">560</td></tr>
<tr><td rowspan="5">Elongation</td><td colspan="2" rowspan="2"></td><td colspan="2">A_{80} (%)</td><td colspan="2">A_5 (%)</td></tr>
<tr><td colspan="2">≥</td><td colspan="2">≥</td></tr>
<tr><td colspan="2">1,5 < t ≤ 2</td><td colspan="2">15</td><td colspan="2"></td></tr>
<tr><td colspan="2">2 < t ≤ 2,5</td><td colspan="2">16</td><td colspan="2"></td></tr>
<tr><td colspan="2">2,5 < t < 3</td><td colspan="2">17</td><td colspan="2"></td></tr>
<tr><td rowspan="3">Impact energy</td><td colspan="2" rowspan="2"></td><td colspan="4">KV (J) 20°C</td></tr>
<tr><td colspan="2">≥</td><td colspan="2" rowspan="2"></td></tr>
<tr><td>≤</td><td>25</td><td colspan="2">27</td></tr>
<tr><td rowspan="3">Weldability</td><td colspan="2" rowspan="2"></td><td colspan="4">CEV (%)</td></tr>
<tr><td colspan="2" rowspan="2"></td><td colspan="2">≤</td></tr>
<tr><td>≤</td><td>25</td><td colspan="2">0,40</td></tr>
<tr><td rowspan="7">Durability</td><td colspan="2" rowspan="7"></td><td colspan="4">Ladle analysis (%)</td></tr>
<tr><td rowspan="6">25</td><td></td><td>≥</td><td>≤</td></tr>
<tr><td>C</td><td></td><td>0,21</td></tr>
<tr><td>Mn</td><td></td><td>1,50</td></tr>
<tr><td>P</td><td></td><td>0,035</td></tr>
<tr><td>S</td><td></td><td>0,035</td></tr>
<tr><td>Cu</td><td></td><td>0,55</td></tr>
</table>

Tolerances on dimensions and shape				
Thickness	Dimensions in mm			
Nominal thickness *t*	**Tolerances for a nominal width** *w*			
	$w \leq 1200$	$1200 < w \leq 1500$	$1500 < w \leq 1800$	$w > 1800$
$t \leq 2{,}00$	*± 0,17*	*± 0,19*	*± 0,21*	-
$2{,}00 < t \leq 2{,}50$	*± 0,18*	*± 0,21*	*± 0,23*	*± 0,25*
$2{,}50 < t \leq 3{,}00$	*± 0,20*	*± 0,22*	*± 0,24*	*± 0,26*
$3{,}00 < t \leq 4{,}00$	*± 0,22*	*± 0,24*	*± 0,26*	*± 0,27*
$4{,}00 < t \leq 5{,}00$	*± 0,24*	*± 0,26*	*± 0,28*	*± 0,29*
$5{,}00 < t \leq 6{,}00$	*± 0,26*	*± 0,28*	*± 0,29*	*± 0,31*
$6{,}00 < t \leq 8{,}00$	*± 0,29*	*± 0,30*	*± 0,31*	*± 0,35*
$8{,}00 < t \leq 10{,}00$	*± 0,32*	*± 0,33*	*± 0,34*	*± 0,40*
$10{,}00 < t \leq 12{,}50$	*± 0,35*	*± 0,36*	*± 0,37*	*± 0,43*
$12{,}50 < t \leq 15{,}00$	*± 0,37*	*± 0,38*	*± 0,40*	*± 0,46*
$15{,}00 < t \leq 25{,}00$	*± 0,40*	*± 0,42*	*± 0,45*	*± 0,50*
Width	Dimensions in mm			
Nominal width *w*	**Tolerances on width for sheet/plate**			
	Mill edges		Trimmed edges	
	Lower value	Upper value	Lower value	Upper value
$w \leq 1200$	0	+20	0	+3
$1200 < w \leq 1850$	0	+20	0	+5
$w > 1850$	0	+25	0	+6
Length	Dimensions in mm			
Nominal length *l*	**Tolerances on length for sheet/plate**			
	Lower value		Upper value	
$l < 2000$	0		+10	
$2000 \leq l < 8000$	0		+0,005 x *l*	
$l \geq 8000$	0		+40	

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for the manufacturer and on behalf of the manufacturer by:

Sven Schulz
Manager Technical Customer Services

Salzgitter 28.12.2022