



**Public Joint Stock Company "Ashinskiy metallurgical works"**

**Declaration of Performance**  
(according to regulation EU No 305/2011)

No. LPE Plate S275JR

**Plate S275JR / 1.0044 according EN 10025-2**

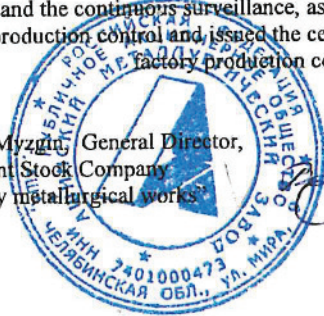
To be issued in-welded, bolted and riveted structures  
Public Joint Stock Company  
"Ashinskiy metallurgical works"  
456010 Russian Federation,  
Chelyabinsk region, Asha, Mira Street, 9  
Tel. 007 359 3 10 03  
e-mail: [info@amet.ru](mailto:info@amet.ru)  
website: [www.amet.ru](http://www.amet.ru)

TÜV Rheinland Industrie Service GmbH  
Notified Body for construction products (NB 0035)  
Am Grauen Stein  
51105 Köln, Deutschland  
Email: [is@de.tuv.com](mailto:is@de.tuv.com)  
Website: [www.tuv.com](http://www.tuv.com)

System of assessment and verification of constancy of  
performans of the product  
System 2+

Notified factory production control certification body No. 0035 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

Vladimir Myzgin, General Director,  
Public Joint Stock Company  
"Ashinskiy metallurgical works"  
26<sup>th</sup> August 2016  
Date



| Essential characteristic           | Performance            |                                  | Harmonised Technical Specification                                 |                    |  |
|------------------------------------|------------------------|----------------------------------|--|--------------------|--|
| Tolerances on Dimensions and shape | Thickness              | EN 10029                         |  | EN 10025-1<br>2004 |  |
|                                    | Flatness               | EN 10029                         |  |                    |  |
| Yield strength (transverse)        | Nominal thickness (mm) | Values Min (MPa)                 |  |                    |  |
|                                    | >                      | <=                               |  |                    |  |
|                                    | -                      | 16                               | 275  |                    |  |
|                                    | 16                     | 40                               | 265  |                    |  |
|                                    | 40                     | 63                               | 255  |                    |  |
|                                    | 63                     | 80                               | 245  |                    |  |
|                                    | 80                     | 100                              | 235  |                    |  |
| 100                                | 150                    | 225                              |  |                    |  |
| Tensile strength (transverse)      | Normal thickness (mm)  | Values (MPa)                     |  |                    |  |
|                                    | >                      | <=                               | min  | max                |  |
|                                    | 5                      | 100                              | 410  | 560                |  |
|                                    | 100                    | 150                              | 400  | 540                |  |
| Elongation (transverse)            | Nominal thickness (mm) | Values Min (% $5,65\sqrt{s_0}$ ) |  |                    |  |
|                                    | >                      | <=                               |  |                    |  |
|                                    | 5                      | 40                               | 23   |                    |  |
|                                    | 40                     | 63                               | 22   |                    |  |
|                                    | 63                     | 100                              | 21   |                    |  |
| 100                                | 150                    | 19                               |  |                    |  |
| Impact strength (longitudinal)     | JR                     | 27J at +20°C                     |  |                    |  |
| Weldability CEV                    | Nominal thickness (mm) | Values Max (%)                   |  |                    |  |
|                                    | >                      | <=                               |  |                    |  |
|                                    | -                      | 40                               | 0.40   |                    |  |
|                                    | 40                     | 150                              | 0.42   |                    |  |
| Durability                         | Nominal thickness (mm) | Values Max (%)                   |  |                    |  |
|                                    | -                      | <=40                             | C:0,21<br>Mn: 1,50<br>P: 0,035<br>S: 0,035<br>N: 0,012<br>Cu: 0,55 |                    |  |
|                                    | >40                    | 150                              | C:0,22<br>Mn: 1,50<br>P: 0,035<br>S: 0,035<br>N: 0,012<br>Cu:0,55  |                    |  |

CE

0035

Public Joint Stock Company  
"Ashinskiy metallurgical works"  
456010 Mira Street, 9  
Asha, Chelyabinsk region,  
RUSSIA

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LPE Plate S275JR

EN 10025-1-2004  
Plate S275JR/1.0044  
To be used in-welded, bolted and riveted structures  
Tolerances on dimensions: Plate EN 10029

Elongation:  
Tensile Strength:  
Yield Strength: EN10025-2  
Weldability:  
Durability:

Dangerous Substances: No Performance Determined