ALPOS METALURGIJA d.o.o.
Cesta Kozjanskega odreda 25
3230 Šentjur, Slovenija (SI)

E: info@alpos-metalurgija.eu

DECLARATION OF PERFORMANCE

№ 01 CPR 2017-09-28

1. *Unique identification code of the product-type:*

Cold formed :

- **circular hollow section (ϕ21.3 to ϕ168.3)**
- **Square hollow section (20x20 to 120x120)**
- **Rectangular hollow section (25x15 to 150x100)**

2. *Intended uses:*

Cold formed steel hollow sections for building and civil engineering

3. *Manufacturer:*

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Cesta Kozjanskega odreda 25,
3230 ŠENTJUR
SLOVENIJA
e-mail: info@alpos-metalurgija.eu
Tel +386 (0)51 288 180

4. *Authorised representative:*
NA

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

System 2+

6. *Harmonized standard:*
EN 10219-1:2006

Notified body:

"Dedal – A&C" , Ltd. – Nesebar NB 1922 , performed the initial inspection of the manufacturing plant and of factory production control and continuous surveillance, assessment and evaluation of factory production control and issued the certificate of conformity of the factory production control 1922-CPR-0905 on 25 September 2017.

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7. *Declared performance:*

<table>
<tr><th>Essential characteristics</th><th colspan="9">Performance</th><th>Harmonised technical specification</th></tr>
<tr><td>Tolerances on dimensions and shape</td><td colspan="4">Conform to:</td><td colspan="5">EN10219-2</td><td rowspan="5">EN 10219-1:2006</td></tr>
<tr><td rowspan="3">Minimum elongation (A)</td><td colspan="4"></td><td colspan="5">Specified thickness</td></tr>
<tr><td colspan="4">Steel name</td><td colspan="5">≤ 40</td></tr>
<tr><td colspan="4">S235JRH</td><td colspan="5">24% *</td></tr>
<tr><td colspan="9">(*) For thicknesses > 3mm and section sizes D/T<15 (round) and (B+H)/2T<12.5 (square and rectangular) the minimum elongation is reduced by 2. For thicknesses ≤3mm the minimum value for elongation is 17%.</td></tr>
<tr><td rowspan="3">Minimum yelded strenght Re_H

MPa</td><td colspan="3"></td><td colspan="5">Specified thickness</td></tr>
<tr><td colspan="3">Steel name</td><td colspan="4">≤16</td><td>> 16≤ 40</td></tr>
<tr><td colspan="3">S235JRH</td><td colspan="4">235</td><td>225</td></tr>
<tr><td rowspan="3">Tensile strenght Rm

MPa</td><td colspan="3"></td><td colspan="5">Specified thickness</td></tr>
<tr><td colspan="3">Steel name</td><td colspan="4">< 3</td><td>≥ 3≤ 40</td></tr>
<tr><td colspan="3">S235JRH</td><td colspan="4">360-510</td><td>360-510</td></tr>
<tr><td rowspan="3">Weld ability</td><td colspan="3"></td><td colspan="5">Chemical composition
Cast analysis for product
% by mass, maximum</td><td></td></tr>
<tr><td colspan="2">Steel name</td><td>C</td><td>Si</td><td>Mn</td><td>P</td><td>S</td><td>N[b]</td><td>max. CEV (%)</td></tr>
<tr><td colspan="2">S235JRH</td><td>0.17</td><td>-</td><td>1.4</td><td>0.04</td><td>0.04</td><td>0.009</td><td>0.35</td></tr>
</table>

The performance of the products identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Sentjur, 28.09.2017

Aca Dimitrijevic, univ. dipl. inž. str.
The manager of the company
"ALPOS METALURGIJA D.O.O." – Sentjur

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