DECLARATION OF PERFORMANCE
ref. S420MH_20150812

Product type:
Cold formed welded structural hollow section: EN 10219-1:2006 S420MH

Intended use:
Structural hollow sections to be used in structural steel components and kits and
steel components of composite steel and concrete structures and other steel structures.

Company:
SSAB
SSAB Europe Oy
Harvialantie 420,
FI-13300 Hämeenlinna, FINLAND

Verification of constancy:
System 2+

Notified body:
Inspecta Sertifointi Oy
PL 113
FI-00181 Helsinki, Finland

Inspecta Sertifointi (No 0416) has performed initial inspection of the manufacturing plant and factory
product control and continuous surveillance, assessment and evaluation of factory production control and
issued factory production control certificates.

Essential characteristics:

<table>
<thead>
<tr>
<th></th>
<th>Yield strength Rp0.2 min</th>
<th>Tensile strength Rm T&lt;3 mm</th>
<th>Tensile strength Rm T&gt;=3 mm</th>
<th>Elongation A% min*</th>
<th>Impact strength min J / Temp</th>
<th>Weldability CEV max</th>
<th>Tolerances on dimensions and shape</th>
<th>Durability</th>
</tr>
</thead>
<tbody>
<tr>
<td>S420MH</td>
<td>420</td>
<td>500-660</td>
<td>500-660</td>
<td>19</td>
<td>40 / -40 ºC</td>
<td>0.39</td>
<td>EN 10219-2, Clause 6</td>
<td>Suitable for hot dip galvanizing</td>
</tr>
</tbody>
</table>

*For section sizes D/T < 15 (round) and (B+H)/2T < 12.5 (square and rectangular) the minimum elongation is reduced by 2

Hämeenlinna 12.08.2015

Jouko Vuorinen
Head of Hämeenlinna, Lappohja, Pulkkila and Oulainen tube mills
SSAB Europe Oy

Declaration of Performance in other languages, please visit www.ssab.com