

# DECLARATION OF PERFORMANCE

ref. S355J2H\_20150812

**Product type:**

Cold formed welded structural hollow section: **EN 10219-1:2006 S355J2H**

**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 Sertifiointi Oy  
PL 113  
FI-00181 Helsinki, Finland

Inspecta Sertifiointi (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:**

	Yield strength Rp0.2 min	Tensile strength Rm T<3 mm	Tensile strength Rm T>=3 mm	Elongation A% min*	Impact strength min J / Temp	Weldability CEV max	Tolerances on dimensions and shape	Durability
S355J2H	355	510-680	470-630	20	27 / -40 °C	0.39	EN 10219-2, Clause 6	Suitable for hot dip galvanizing

\*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



**0416**

**SSAB**

**SSAB Europe Oy, Harvialantie 420,  
13300 Hämeenlinna  
07**

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**EN 10219-1:2006**

**Cold formed welded structural hollow section:**

**EN 10219-1:2006**

**S355J2H**

**Essential characteristics:**

Yield strength Rp0.2 min	<b>355</b>
Tensile strength Rm T<3 mm	<b>510-680</b>
Tensile strength Rm T>=3 mm	<b>470-630</b>
Elongation A% min*	<b>20</b>
Impact strength min J / Temp	<b>27 / -40 °C</b>
Weldability CEV max	<b>0.39</b>
Tolerances on dimensions and shape	<b>EN 10219-2, Clause 6</b>
Durability	<b>Suitable for hot dip galvanizing</b>

\*For section sizes D/T < 15 (round) and (B+H)/2T < 12,5 (square and rectangular) the minimum elongation is reduced by 2