

DECLARATION OF PERFORMANCE

ref. S235JRH_20150812

Product type: Cold formed welded structural hollow section: EN 10219-1:2006 S235JRH

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:

	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
S235JRH	235	360-510	360-510	24	27 / -20 °C	0.35	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, Pulkila and Outainen tube mills
 SSAB Europe Oy



0416

SSAB

SSAB Europe Oy, Harvialantie 420,
 13300 Hämeenlinna
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ref. S235JRH_20150812

EN 10219-1:2006

Cold formed welded structural hollow section:

EN 10219-1:2006

S235JRH

Essential characteristics:

Yield strength Rp0.2 min 235

Tensile strength Rm T<3 mm 360-510

Tensile strength Rm T>=3 mm 360-510

Elongation A% min* 24

Impact strength min J / Temp 27 / -20 °C

Weldability CEV max 0.35

Tolerances on dimensions and shape EN 10219-2, Clause 6

Durability 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

SSAB

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 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:

	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, Pulkila and Oulainen tube mills
SSAB Europe Oy



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ref. S355J2H_20150812

EN 10219-1:2006

Cold formed welded structural hollow section:

EN 10219-1:2006 S355J2H

Essential characteristics:

Yield strength Rp0.2 min 355

Tensile strength Rm T<3 mm 510-680

Tensile strength Rm T>=3 mm 470-630

Elongation A% min* 20

Impact strength min J / Temp 27 / -40 °C

Weldability CEV max 0.39

Tolerances on dimensions and shape EN 10219-2, Clause 6

Durability 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