

01-08-2017

v 31/1227

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S275N-CPR-11

1. Unique identification code of the product-type:
S275N according to EN 10025-3:2004
 2. Intended use:
to be used in metal structures of hot-rolled weldable fine grain structural steels
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance			Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029		EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	275		
	>16≤40	265		
	>40≤63	255		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	≤100	min 370	max 510	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	24		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at:	Values (J) min			
20 ⁰ C	55			
0 ⁰ C	47			
-10 ⁰ C	43			
-20 ⁰ C	40			
Weldability CEV	Nominal thickness (mm)	Values (%) max		
	≤63	0,40		
Chemical composition	Values (%) max	C: 0,20 Si: 0,45 P: 0,035 S: 0,030 Nb: 0,06 V: 0,07 Ti: 0,06 Cr: 0,35 Ni: 0,35 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%)	Mn: 0,45÷1,60		
	Values (%) min	Al _{total} : 0,015		

The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"



K.E. Pismarev

Mariupol, 2017/08/01

0.1 -08- 2017

N 31/1224

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S275NL-CPR-12

1. Unique identification code of the product-type:
S275NL according to EN 10025-3:2004
 2. Intended use:
to be used in metal structures of hot-rolled weldable fine grain structural steels
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance			Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029		EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	275		
	>16≤40	265		
	>40≤63	255		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	≤100	min 370	max 510	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	24		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at:	Values (J) min			
20 ⁰ C	63			
0 ⁰ C	55			
-10 ⁰ C	51			
-20 ⁰ C	47			
-30 ⁰ C	40			
-40 ⁰ C	31			
-50 ⁰ C	27			
Weldability CEV	Nominal thickness (mm)	Values (%) max		
	≤63	0,40		
Chemical composition	Values (%) max	C: 0,18 Si: 0,45 P: 0,030 S: 0,025 Nb: 0,06 V: 0,07 Ti: 0,06 Cr: 0,35 Ni: 0,35 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%)	Mn: 0,45÷1,60		
	Values (%) min	Al _{total} : 0,015		

The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"



K.E. Pismarev

Mariupol, 2017/08/01

01-08-2017

N 31/1227

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355N-CPR-13

1. Unique identification code of the product-type:
S355N according to EN 10025-3:2004
 2. Intended use:
to be used in metal structures of hot-rolled weldable fine grain structural steels
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
 4. System of AVCP:

System 2+
 - 5a. Harmonised standard:

EN 10025-1:2004
- Notified body:
- № 0036**
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance			Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029		EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	≤100	min 470	max 630	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	22		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at:	Values (J) min			
20 ⁰ C	55			
0 ⁰ C	47			
-10 ⁰ C	43			
-20 ⁰ C	40			
Weldability CEV	Nominal thickness (mm)	Values (%) max		
	≤63	0,43		
Chemical composition	Values (%) max	C: 0,22 Si: 0,55 P: 0,035 S: 0,030 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,55 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%)	Mn: 0,85÷1,75		
	Values (%) min	Al _{total} : 0,015		

The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

Mariupol, 2017/08/01



K.E. Pismarev

01-08-2017

N 31/1227

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355NL-CPR-14

1. Unique identification code of the product-type:
S355NL according to EN 10025-3:2004
 2. Intended use:
to be used in metal structures of hot-rolled weldable fine grain structural steels
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance			Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029		EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	≤100	min 470	max 630	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	22		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at:	Values (J) min			
20°C	63			
0°C	55			
-10°C	51			
-20°C	47			
-30°C	40			
-40°C	31			
-50°C	27			
Weldability CEV	Nominal thickness (mm)	Values (%) max		
	≤63	0,43		
Chemical composition	Values (%) max	C: 0,20 Si: 0,55 P: 0,030 S: 0,025 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,55 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%)	Mn: 0,85÷1,75		
	Values (%) min	Al _{total} : 0,015		

The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"



K.E. Pismarev

Mariupol, 2017/08/01

01-08-2017N 31/1227

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S420N-CPR-15

1. Unique identification code of the product-type:
S420N according to EN 10025-3:2004
 2. Intended use:
to be used in metal structures of hot-rolled weldable fine grain structural steels
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029	EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	420	
	>16≤40	400	
	>40≤63	390	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	≤100	min 520 max 680	
Elongation	Nominal thickness (mm)	Values (%) min	
	≤63	24	
Delivery condition	Normalizing rolling (+N)		
Impact energy, longitudinal specimen, KV at:	Values (J) min		
20 ⁰ C	55		
0 ⁰ C	47		
-10 ⁰ C	43		
-20 ⁰ C	40		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤63	0,48	
Chemical composition	Values (%) max	C: 0,22 Si: 0,65 P: 0,035 S: 0,030 Nb: 0,06 V: 0,22 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,13 N: 0,027 Cu: 0,60	
	Values (%)	Mn: 0,95÷1,80	
	Values (%) min	Al _{total} : 0,015	

The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"



K.E. Pismarev

Mariupol, 2017/08/01

01-08-2017

N 31/1224

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S420NL-CPR-16

1. Unique identification code of the product-type:
S420NL according to EN 10025-3:2004
 2. Intended use:
to be used in metal structures of hot-rolled weldable fine grain structural steels
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
 4. System of AVCP:

System 2+
 - 5a. Harmonised standard:

EN 10025-1:2004
- Notified body:
- № 0036**
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029	EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	420	
	>16≤40	400	
	>40≤63	390	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	≤100	min 520 max 680	
Elongation	Nominal thickness (mm)	Values (%) min	
	≤63	19	
Delivery condition	Normalizing rolling (+N)		
Impact energy, longitudinal specimen, KV at:	Values (J) min		
20 ⁰ C	63		
0 ⁰ C	55		
-10 ⁰ C	51		
-20 ⁰ C	47		
-30 ⁰ C	40		
-40 ⁰ C	31		
-50 ⁰ C	27		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤63	0,48	
Chemical composition	Values (%) max	C: 0,22 Si: 0,65 P: 0,030 S: 0,025 Nb: 0,06 V: 0,22 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,13 N: 0,027 Cu: 0,60	
	Values (%)	Mn: 0,95÷1,80	
	Values (%) min	Al _{total} : 0,015	

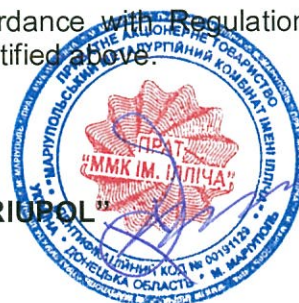
The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"



K.E. Pismarev

Mariupol, 2017/08/01

01-08-2017

№ 31/1224

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S460N-CPR-17

1. Unique identification code of the product-type:
S460N according to EN 10025-3:2004
 2. Intended use:
to be used in metal structures of hot-rolled weldable fine grain structural steels
 3. Manufacturer:

PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"
Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine
Tel.: +380 (629)56-33-30
E-mail: office@ilyichsteel.com
 4. System of AVCP:
System 2+
 - 5a. Harmonised standard:
EN 10025-1:2004
- Notified body:
№ 0036
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance			Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029		EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	460		
	>16≤40	440		
	>40≤63	430		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	≤100	min 540	max 720	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	17		
Delivery condition	Normalizing rolling (+N)			
Impact energy, longitudinal specimen, KV at:	Values (J) min			
20 ⁰ C	55			
0 ⁰ C	47			
-10 ⁰ C	43			
-20 ⁰ C	40			
Weldability CEV	Nominal thickness (mm)	Values (%) max		
	≤63	0,53		
Chemical composition	Values (%) max	C: 0,22 Si: 0,65 P: 0,035 S: 0,030 Nb: 0,06 V: 0,22 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,13 N: 0,027 Cu: 0,60		
	Values (%)	Mn: 0,95+1,80		
	Values (%) min	Al _{total} : 0,015		

The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOLE"

K.E. Pismarev

Mariupol, 2017/08/01



01-08-2017✓ 31/12/17

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S460NL-CPR-18

1. Unique identification code of the product-type:

S460NL according to EN 10025-3:2004

2. Intended use:

to be used in metal structures of hot-rolled weldable fine grain structural steels

3. Manufacturer:

**PRIVATE JOINT STOCK COMPANY
"ILYICH IRON AND STEEL WORKS OF MARIUPOL"**

Levchenko str., 1, Mariupol,
Donetsk Region,
87504, Ukraine

Tel.: +380 (629)56-33-30

E-mail: office@ilyichsteel.com

4. System of AVCP:

System 2+

- 5a. Harmonised standard:

EN 10025-1:2004

- Notified body:

№ 0036

TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
Tolerances on dimensions and shape	Thickness Shape, dimensions	up to 50mm – EN 10029	EN 10025-3:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min	
	≤16	460	
	>16≤40	440	
	>40≤63	430	
Tensile strength	Nominal thickness (mm)	Values (MPa)	
	≤100	min 540 max 720	
Elongation	Nominal thickness (mm)	Values (%) min	
	≤63	17	
Delivery condition	Normalizing rolling (+N)		
Impact energy, longitudinal specimen, KV at:	Values (J) min		
20 ⁰ C	63		
0 ⁰ C	55		
-10 ⁰ C	51		
-20 ⁰ C	47		
-30 ⁰ C	40		
-40 ⁰ C	31		
-50 ⁰ C	27		
Weldability CEV	Nominal thickness (mm)	Values (%) max	
	≤63	0,53	
Chemical composition	Values (%) max	C: 0,22 Si: 0,65 P: 0,030 S: 0,025 Nb: 0,06 V: 0,22 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,13 N: 0,027 Cu: 0,60	
	Values (%)	Mn: 0,95÷1,80	
	Values (%) min	Al _{total} : 0,015	

The performance of the product identified above is in conformity with the set of declared performance.

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:

Technology and Quality Director
PJSC “ILYICH IRON AND STEEL WORKS OF MARIUPOL”



K.E. Pismarev

Mariupol, 2017/08/01