

01-08-2017

N 31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S275M-CPR-19

1. Unique identification code of the product-type:
S275M according to EN 10025-4:2004
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 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 50 mm – EN 10029		EN 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	275		
	>16≤40	265		
	>40≤63	255		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 370	max 530	
	≥40≤63	min 360	max 520	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	24		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,34		
	>16≤40	0,34		
	>40≤63	0,35		
Chemical composition	Values (%) max	C: 0,15 Si: 0,55 Mn:1,6 P: 0,035 S: 0,030 Nb: 0,06 V: 0,10 Ti: 0,06 Cr: 0,35 Ni: 0,35 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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 -00- 2017

N 31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S275ML-CPR-20

1. Unique identification code of the product-type:
S275ML according to EN 10025-4:2004
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 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 50 mm – EN 10029		EN 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	275		
	>16≤40	265		
	>40≤63	255		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 370	max 530	
	≥40≤63	min 360	max 520	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	24		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,34		
	>16≤40	0,34		
	>40≤63	0,35		
Chemical composition	Values (%) max	C: 0,15 Si: 0,55 Mn: 1,6 P: 0,030 S: 0,025 Nb: 0,06 V: 0,10 Ti: 0,06 Cr: 0,35 Ni: 0,35 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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

0 1 -08- 2017№ 31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355M-CPR-21

1. Unique identification code of the product-type:
S355M according to EN 10025-4:2004
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 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 50 mm – EN 10029		EN 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 470	max 630	
	≥40≤63	min 450	max 610	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	22		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,39		
	>16≤40	0,39		
	>40≤63	0,40		
Chemical composition	Values (%) max	C: 0,16 Si: 0,55 Mn: 1,7 P: 0,035 S: 0,030 Nb: 0,06 V: 0,12 Ti: 0,06 Cr: 0,35 Ni: 0,55 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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 31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S355ML-CPR-22

1. Unique identification code of the product-type:
S355ML according to EN 10025-4:2004
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 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 50 mm – EN 10029		EN 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	355		
	>16≤40	345		
	>40≤63	335		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 470	max 630	
	≥40≤63	min 450	max 610	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	22		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,39		
	>16≤40	0,39		
	>40≤63	0,40		
Chemical composition	Values (%) max	C: 0,16 Si: 0,55 Mn: 1,7 P: 0,030 S: 0,025 Nb: 0,06 V: 0,12 Ti: 0,06 Cr: 0,35 Ni: 0,55 Mo: 0,13 N: 0,017 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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

01-08-2017N 31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S420M-CPR-23

1. Unique identification code of the product-type:
S420M according to EN 10025-4:2004
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 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 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	420		
	>16≤40	400		
	>40≤63	390		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 520	max 680	
	≥40≤63	min 500	max 660	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	19		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,43		
	>16≤40	0,45		
	>40≤63	0,46		
Chemical composition	Values (%) max	C: 0,18 Si: 0,55 Mn: 1,8 P: 0,035 S: 0,030 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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.

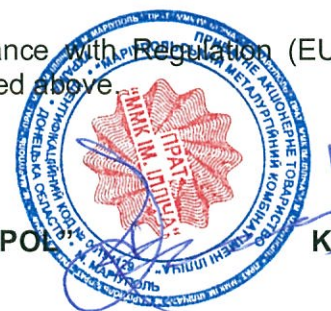
Signed for and on behalf of the manufacturer by:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"

K.E. Pismarev

Mariupol, 2017/08/01



01-06-2017

№ 31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S420ML-CPR-24

1. Unique identification code of the product-type:
S420ML according to EN 10025-4:2004
2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
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 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	420		
	>16≤40	400		
	>40≤63	390		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 520	max 680	
	≥40≤63	min 500	max 660	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	19		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,43		
	>16≤40	0,45		
	>40≤63	0,46		
Chemical composition	Values (%) max	C: 0,18 Si: 0,55 Mn: 1,8 P: 0,030 S: 0,025 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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

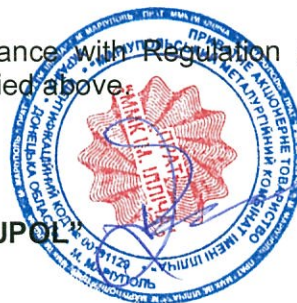
This declaration of performance is issued in accordance with Regulation (EU) No.305/2011, under the sole responsibility of the manufacturer identified above.

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 31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S460M-CPR-25

1. Unique identification code of the product-type:

S460M according to EN 10025-4:2004

2. Intended use:

**to be used in metal structures from weldable fine grain structural steels after
thermomechanical rolling**

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 50 mm – EN 10029		EN 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	460		
	>16≤40	440		
	>40≤63	430		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 540	max 720	
	≥40≤63	min 530	max 710	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	17		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,45		
	>16≤40	0,46		
	>40≤63	0,47		
Chemical composition	Values (%) max	C: 0,18 Si: 0,65 Mn: 1,8 P: 0,035 S: 0,030 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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.

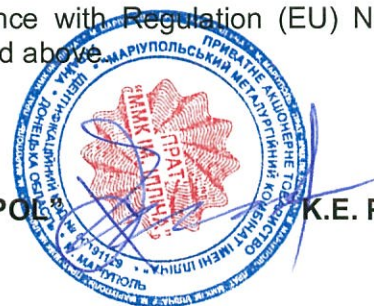
Signed for and on behalf of the manufacturer by:

Technology and Quality Director

PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOLE"

K.E. Pismarev

Mariupol, 2017/08/01



01-08-2017

№31/1229

DECLARATION OF PERFORMANCE
according to Construction Products Regulation No.305/2011/EU,
Annex III
No.S460ML-CPR-26

1. Unique identification code of the product-type:
S460ML according to EN 10025-4:2004
 2. Intended use:
to be used in metal structures from weldable fine grain structural steels after thermomechanical rolling
 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 50 mm – EN 10029		EN 10025-4:2004
Yield strength	Nominal thickness (mm)	Values (MPa) min		
	≤16	460		
	>16≤40	440		
	>40≤63	430		
Tensile strength	Nominal thickness (mm)	Values (MPa)		
	<40	min 540	max 720	
	≥40≤63	min 530	max 710	
Elongation	Nominal thickness (mm)	Values (%) min		
	≤63	17		
Delivery condition	Thermomechanical rolled (TM)			
Impact energy on transverse test 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		
	≤16	0,45		
	>16≤40	0,46		
	>40≤63	0,47		
Chemical composition	Values (%) max	C: 0,18 Si: 0,65 Mn:1,8 P: 0,030 S: 0,025 Nb: 0,06 V: 0,14 Ti: 0,06 Cr: 0,35 Ni: 0,85 Mo: 0,23 N: 0,027 Cu: 0,60		
	Values (%) min	Al _{total} : 0,015		

EN 10025-4:2004

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