

16-03-2020

N 31/333

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**DECLARATION OF PERFORMANCE**  
**according to Construction Products Regulation No.305/2011/EU,**  
**Annex III**  
**No.S235JRH-CPR-27**

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1. Unique identification code of the product-type:  
**S235JRH according to EN 10219-1:2006**
  2. Intended use:  
**welded hollow sections of non-alloy steels  
to be used in building metal structures**
  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.mmk@metinvestholding.com](mailto:office.mmk@metinvestholding.com)**
  4. System of AVCP:  
**System 2+**
  - 5a. Harmonised standard:  
**EN 10219-1:2006**
- Notified body:  
**№ 0036  
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich**

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
<b>Tolerances on dimensions and shape</b>	<b>Welded circular structural hollow section</b>		EN 10219-2:2019
	Nominal thickness, T	1,5mm-5,6mm	
	Diameter, D	16,0mm-168,0mm	
	<b>Welded rectangular structural hollow section</b>		
	Nominal thickness, T	1,5mm-5,6mm	
	Dimension, HxB	(15x10)mm-(150x100)mm	
	<b>Welded square structural hollow section</b>		
Nominal thickness, T	1,5mm-5,6mm		
Dimension, BxB	(15x15)mm-(130x130)mm		
<b>Yield strength</b>	Nominal thickness (mm)	Values (MPa) min	EN 10219-1:2006
	≤16	235	
<b>Tensile strength</b>	Nominal thickness (mm)	Values (MPa)	
	<3	min 360   max 510	
	≥3 ≤40	min 360   max 510	
<b>Elongation</b>	Nominal thickness (mm)	Values (%) min	
	≤40	In accordance with the requirements of the table A.3. EN 10219-1:2006	
<b>Delivery condition</b>	Cold Formed		
<b>Impact energy, longitudinal specimen, KV at 20°C</b>	Nominal thickness (mm)	Values (J) min	
	≤40	27	
<b>Weldability CEV</b>	Nominal thickness (mm)	Values (%) max	
	≤40	0,35	
<b>Chemical composition</b>	Nominal thickness (mm)	Values (%) max	
	≤40	C: 0,17; Si: -; Mn:1,40; P: 0,040; S: 0,040; N: 0,009	

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:

**Acting Technology and Quality Director  
PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"**



**O. A. Gavrikov**

Mariupol, 2020/03/16

16-03-2020

N 31/333

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**DECLARATION OF PERFORMANCE**  
**according to Construction Products Regulation No.305/2011/EU,**  
**Annex III**  
**No.S275J2H-CPR-28**

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1. Unique identification code of the product-type:  
**S275J2H according to EN 10219-1:2006**
  2. Intended use:  
**welded hollow sections of non-alloy steels  
to be used in building metal structures**
  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.mmk@metinvestholding.com](mailto:office.mmk@metinvestholding.com)**
  4. System of AVCP:  
**System 2+**
  - 5a. Harmonised standard:  
**EN 10219-1:2006**
- Notified body:  
**№ 0036  
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich**

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
<b>Tolerances on dimensions and shape</b>	<b>Welded circular structural hollow section</b>		EN 10219-2:2019
	Nominal thickness, T	1,5mm-5,6mm	
	Diameter, D	16,0mm-168,0mm	
	<b>Welded rectangular structural hollow section</b>		
	Nominal thickness, T	1,5mm-5,6mm	
	Dimension, HxB	(15x10)mm-(150x100)mm	
	<b>Welded square structural hollow section</b>		
Nominal thickness, T	1,5mm-5,6mm	EN 10219-1:2006	
Dimension, BxB	(15x15)mm-(130x130)mm		
<b>Yield strength</b>	Nominal thickness (mm)		Values (MPa) min
	≤16		275
<b>Tensile strength</b>	Nominal thickness (mm)		Values (MPa)
	<3		min 430   max 580
	≥3 ≤40		min 410   max 560
<b>Elongation</b>	Nominal thickness (mm)	Values (%) min	
	≤40	In accordance with the requirements of the table A.3. EN 10219-1:2006	
<b>Delivery condition</b>	Cold Formed		
<b>Impact energy, longitudinal specimen, KV at -20°C</b>	Nominal thickness (mm)	Values (J) min	
	≤40	27	
<b>Weldability CEV</b>	Nominal thickness (mm)	Values (%) max	
	≤40	0,40	
<b>Chemical composition</b>	Nominal thickness (mm)	Values (%) max	
	≤40	C: 0,20; Si: -; Mn: 1,50; P: 0,030; S: 0,030; N: -	

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:

**Acting Technology and Quality Director**  
**PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"**



**O. A. Gavrikov**

Mariupol, 2020/03/16

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**DECLARATION OF PERFORMANCE**  
**according to Construction Products Regulation No.305/2011/EU,**  
**Annex III**  
**No.S275J0H-CPR-29**

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1. Unique identification code of the product-type:

**S275J0H according to EN 10219-1:2006**

2. Intended use:

**welded hollow sections of non-alloy steels  
to be used in building metal structures**

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.mmk@metinvestholding.com](mailto:office.mmk@metinvestholding.com)**

4. System of AVCP:

**System 2+**

5a. Harmonised standard:

**EN 10219-1:2006**

Notified body:

**№ 0036**  
**TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich**

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
<b>Tolerances on dimensions and shape</b>	<b>Welded circular structural hollow section</b>		EN 10219-2:2019
	Nominal thickness, T	1,5mm-5,6mm	
	Diameter, D	16,0mm-168,0mm	
	<b>Welded rectangular structural hollow section</b>		
	Nominal thickness, T	1,5mm-5,6mm	
	Dimension, HxB	(15x10)mm-(150x100)mm	
	<b>Welded square structural hollow section</b>		
Nominal thickness, T	1,5mm-5,6mm	EN 10219-1:2006	
Dimension, BxB	(15x15)mm-(130x130)mm		
<b>Yield strength</b>	Nominal thickness (mm)		Values (MPa) min
	≤16		275
<b>Tensile strength</b>	Nominal thickness (mm)		Values (MPa)
	<3		min 430   max 580
	≥3 ≤40		min 410   max 560
<b>Elongation</b>	Nominal thickness (mm)	Values (%) min	
	≤40	In accordance with the requirements of the table A.3. EN 10219-1:2006	
<b>Delivery condition</b>	Cold Formed		EN 10219-1:2006
<b>Impact energy, longitudinal specimen, KV at 0°C</b>	Nominal thickness (mm)	Values (J) min	
	≤40	27	
<b>Weldability CEV</b>	Nominal thickness (mm)	Values (%) max	
	≤40	0,40	
<b>Chemical composition</b>	Nominal thickness (mm)	Values (%) max	
	≤40	C: 0,20; Si: -; Mn:1,50; P: 0,035; S: 0,035; N: 0,009	

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:

**Acting Technology and Quality Director  
PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"**



**O. A. Gavrikov**

16-03-2020

№ 31/333

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**DECLARATION OF PERFORMANCE**  
**according to Construction Products Regulation No.305/2011/EU,**  
**Annex III**  
**No.S355J2H-CPR-30**

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1. Unique identification code of the product-type:  
**S355J2H according to EN 10219-1:2006**
  2. Intended use:  
**welded hollow sections of non-alloy steels  
to be used in building metal structures**
  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.mmk@metinvestholding.com](mailto:office.mmk@metinvestholding.com)**
  4. System of AVCP:  
**System 2+**
  - 5a. Harmonised standard:  
**EN 10219-1:2006**
- Notified body:  
**№ 0036  
TUV SUD Industrie Service GmbH, Westendstr. 199, D – 80686 Munich**

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
<b>Tolerances on dimensions and shape</b>	<b>Welded circular structural hollow section</b>		EN 10219-2:2019
	Nominal thickness, T	1,5mm-5,6mm	
	Diameter, D	16,0mm-168,0mm	
	<b>Welded rectangular structural hollow section</b>		
	Nominal thickness, T	1,5mm-5,6mm	
	Dimension, HxB	(15x10)mm-(150x100)mm	
	<b>Welded square structural hollow section</b>		
Nominal thickness, T	1,5mm-5,6mm	EN 10219-1:2006	
Dimension, BxB	(15x15)mm-(130x130)mm		
<b>Yield strength</b>	Nominal thickness (mm)		Values (MPa) min
	≤16		355
<b>Tensile strength</b>	Nominal thickness (mm)		Values (MPa)
	<3		min 510   max 680
	≥3 ≤40		min 470   max 630
<b>Elongation</b>	Nominal thickness (mm)		Values (%) min
	≤40		In accordance with the requirements of the table A.3. EN 10219-1:2006
<b>Delivery condition</b>	Cold Formed		
<b>Impact energy, longitudinal specimen, KV at -20°C</b>	Nominal thickness (mm)	Values (J) min	
	≤40	27	
<b>Weldability CEV</b>	Nominal thickness (mm)	Values (%) max	
	≤40	0,45	
<b>Chemical composition</b>	Nominal thickness (mm)	Values (%) max	
	≤40	C: 0,22; Si: 0,55; Mn:1,60; P: 0,030; S: 0,030; N: -	

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:

**Acting Technology and Quality Director**

**PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"**

**O. A. Gavrikov**





16-03-2020

N 31/333

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**DECLARATION OF PERFORMANCE**  
**according to Construction Products Regulation No.305/2011/EU,**  
**Annex III**  
**No.S355J0H-CPR-31**

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1. Unique identification code of the product-type:

**S355J0H according to EN 10219-1:2006**

2. Intended use:

**welded hollow sections of non-alloy steels  
to be used in building metal structures**

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.mmk@metinvestholding.com](mailto:office.mmk@metinvestholding.com)**

4. System of AVCP:

**System 2+**

5a. Harmonised standard:

**EN 10219-1:2006**

Notified body:

**№ 0036**

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

6. Declared performance:

Essential characteristic	Performance		Harmonized technical specification
<b>Tolerances on dimensions and shape</b>	<b>Welded circular structural hollow section</b>		EN 10219-2:2019
	Nominal thickness, T	1,5mm-5,6mm	
	Diameter, D	16,0mm-168,0mm	
	<b>Welded rectangular structural hollow section</b>		
	Nominal thickness, T	1,5mm-5,6mm	
	Dimension, HxB	(15x10)mm-(150x100)mm	
	<b>Welded square structural hollow section</b>		
Nominal thickness, T	1,5mm-5,6mm	EN 10219-1:2006	
Dimension, BxB	(15x15)mm-(130x130)mm		
<b>Yield strength</b>	Nominal thickness (mm)		Values (MPa) min
	≤16		355
<b>Tensile strength</b>	Nominal thickness (mm)		Values (MPa)
	<3		min 510   max 680
	≥3 ≤40		min 470   max 630
<b>Elongation</b>	Nominal thickness (mm)		Values (%) min
	≤40		In accordance with the requirements of the table A.3. EN 10219-1:2006
<b>Delivery condition</b>	Cold Formed		
<b>Impact energy, longitudinal specimen, KV at 0°C</b>	Nominal thickness (mm)	Values (J) min	
	≤40	27	
<b>Weldability CEV</b>	Nominal thickness (mm)	Values (%) max	
	≤40	0,45	
<b>Chemical composition</b>	Nominal thickness (mm)	Values (%) max	
	≤40	C: 0,22; Si: 0,55; Mn:1,60; P: 0,035; S: 0,035; N: 0,009	

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:

**Acting Technology and Quality Director**  
**PJSC "ILYICH IRON AND STEEL WORKS OF MARIUPOL"**



**O. A. Gavrikov**