Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/01-CPR-13-1

1) Code of the product type: **1.0038**

2) Type: **Sections/Bars S235JR according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100			
	100	150	195		
	150	160	185		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	26		
	40	63	25		
	63	100	24		
	100	140	22		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at +20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	140	0,38		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,17 Mn : 1,40 P : 0,040	Cu : 0,55 S : 0,040 N** : 0,012	
	* For nominal thickness > 40 mm C: 0,20. For nominal thickness >100 mm: C content upon agreement				
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/02-CPR-13-1

1) Code of the product type: **1.0114**

2) Type: **Sections/Bars S235J0 according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100			
	100	150	195		
	150	160	185		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	26		
	40	63	25		
	63	100	24		
	100	140	22		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at 0°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	140	0,38		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,17 Mn : 1,40 P : 0,035	Cu : 0,55 S : 0,035 N** : 0,012	
	* For nominal thickness >100 mm: C content upon agreement.				
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/03-CPR-13-1

1) Code of the product type: **1.0117**

2) Type: **Sections/Bars S235J2 according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			**Performance**		**Harmonised technical specification**
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	235		
	16	40	225		
	40	63	215		
	63	80			
	80	100			
	100	150	195		
	150	160	185		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	360	510	
	100	140	350	500	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	26		
	40	63	25		
	63	100	24		
	100	140	22		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at -20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,35		
	30	40	0,35		
	40	140	0,38		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,17 Mn : 1,40 P : 0,030	Cu : 0,55 S : 0,030	
	* For nominal thickness >100 mm: C content upon agreement.				
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/04-CPR-13-1

1) Code of the product type: **1.0044**

2) Type: **Sections/Bars S275JR according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
	150	160	215		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	23		
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at +20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	140	0,42		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,21 Mn : 1,50 P : 0,040	Cu : 0,55 S : 0,040 N** : 0,012	
	* For nominal thickness > 40 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement				
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/05-CPR-13-1

1) Code of the product type: **1.0143**

2) Type: **Sections/Bars S275J0 according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3)

ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
	150	160	215		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	23		
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at 0°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	140	0,42		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,18 Mn : 1,50 P : 0,035	Cu : 0,55 S : 0,035 N** : 0,012	
	* For nominal thickness >100 mm: C content upon agreement.				
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/06-CPR-13-1

1) Code of the product type: **1.0145**

2) Type: **Sections/Bars S275J2 according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	275		
	16	40	265		
	40	63	255		
	63	80	245		
	80	100	235		
	100	150	225		
	150	160	215		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	410	560	
	100	140	400	540	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	23		
	40	63	22		
	63	100	21		
	100	140	19		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at -20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,40		
	30	40	0,40		
	40	140	0,42		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,18 Mn : 1,50 P : 0,030	Cu : 0,55 S : 0,030	
	* For nominal thickness >100 mm: C content upon agreement.				
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/07-CPR-13-1

1) Code of the product type: **1.0045**

2) Type: **Sections/Bars S355JR according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	150	295		
	150	160	285		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at +20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	140	0,47		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,24 Si : 0,55 Mn : 1,60 P : 0,040	Cu : 0,55 S : 0,040 N** : 0,012	
	* For nominal thickness >100 mm: C content upon agreement.				
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/08-CPR-13-1

1) Code of the product type: **1.0553**

2) Type: **Sections/Bars S355J0 according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	150	295		
	150	160	285		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at 0°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	140	0,47		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,20 Si : 0,55 Mn : 1,60 P : 0,035	Cu : 0,55 S : 0,035 N** : 0,012	
	* For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement				
	** The max. value for nitrogen does not apply if the chemical composition shows a minimum total Al content of 0,020% or if sufficient other N binding elements are present				

Declaration of Performance
(according to regulation EU No 305/2011)

No. AMGD-2/09-CPR-13-1

1) Code of the product type: **1.0577**

2) Type: **Sections/Bars S355J2 according EN 10025-2**

Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

To be used in welded, bolted and riveted structures

3) ArcelorMittal Gandrange
BP3 - F57360 Amneville
France
Tel: +33 3 87 72 46 00
www.arcelormittal.com

System of assessment and verification of constancy of performance of the product:
System 2+

Notified factory production control certification body No. 0333 AFNOR Certification performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment, and evaluation of factory production control and issued the certificate of conformity of the factory production control.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in the table.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by:

Laurent Gless
Chief Executive Officer

Date : 07.05.2014

Essential characteristic			Performance		Harmonised technical specification
Tolerances on dimensions and shape	Round bars		EN 10060		EN 10025-1:2004
Yield strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min		
		16	355		
	16	40	345		
	40	63	335		
	63	80	325		
	80	100	315		
	100	150	295		
	150	160	285		
Tensile strength	**Nominal thickness (mm)**		**Values (MPa)**		
	>	≤	min	max	
	=3	100	470	630	
	100	140	450	600	
Elongation	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	min		
	=3	40	22		
	40	63	21		
	63	100	20		
	100	140	18		
Impact strength	**Nominal thickness (mm)**		**Values (J)**		
	>	≤	min		
		140	27 at -20°C		
Weldability	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		30	0,45		
	30	40	0,47		
	40	140	0,47		
Durability (Chemical composition)	**Nominal thickness (mm)**		**Values (%)**		
	>	≤	max		
		140	C* : 0,20 Si : 0,55 Mn : 1,60	Cu : 0,55 S : 0,030 P : 0,030	
	* For nominal thickness > 30 mm C: 0,22. For nominal thickness >100 mm: C content upon agreement				
	Fully killed steel containing nitrogen binding element in amounts sufficient to bind the available nitrogen (for example min. 0,02% Al)				