

## DECLARATION OF PERFORMANCE – No: 001/2015 - rev. 01

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 1 de 3

For the construction product

Cold-rolled and Hot-Rolled Stainless Steel

**1. Unique identification code of the product type:**

Steel Grade 1.4301  
According to EN 10088-4

**2. Intended use/es:**

Products for construction purposes (structure)

**3. Manufacturer:**

APERAM INOX AMÉRICA DO SUL S/A  
Address: Praça 1º de Maio, nº 9 - Centro - Timóteo - MG  
35180-018 – Brazil.  
Tel: (+55) 31-3849-8672 / (+55) 31-3849-7279  
Fax: (+55) 31-3849-7543  
Contact: paulo-sergio.ribeiro@aperam.com

**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

System 2+

**6a. Harmonised standard:**

EN 10088-4, Annex ZA1

Notified body/ies:

TÜV Nord Systems GmbH & Co, nº 0045.

Aperam Timóteo  
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**DECLARATION OF PERFORMANCE – No: 001/2015 - rev. 01**

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 2 de 3

**7. Declared performance/s:**

Essential characteristics	Performance	Harmonised technical specification
Elongation (*1)	45% min	EN 10088-4:2010
Tensile Strength (*1)	520 MPa up to 720 MPa	
0,2% Proof Strength (*1)	210 MPa min	
Impact Strength (*2)	60 J min	
Weldability	Proven by chemical composition	
Durability	Proven by chemical composition	
Cold Formability	Covered by Elongation	
Fracture Toughness	Covered by impact strength	
Dimensions and tolerances on dimensions and shape	Item 6.9 and annex B And DIN EN ISO 18286	

Notes:

(\*1) Mechanical properties acc. to item 6.5.1, table 10-11 and EN 10002-1

(\*2) Impact Strength acc. to item 6.5.1 and EN 10045-1

**8. Appropriate Technical Documentation and/or Specific Technical Documentation:**

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

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According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 3 de 3

Signed for and on behalf of the manufacturer by:



Ronaldo Claret Ribeiro da Silva  
Stainless Steel Metallurgy Manager  
Aperam South America

Timóteo-Brazil

11/07/2015

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**DECLARATION OF PERFORMANCE – No: 002/2015 - rev. 01**

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 1 de 3

For the construction product

Cold-rolled and Hot-Rolled Stainless Steel

**1. Unique identification code of the product type:**

Steel Grade 1.4307  
According to EN 10088-4

**2. Intended use/es:**

Products for construction purposes (structure)

**3. Manufacturer:**

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Contact: paulo-sergio.ribeiro@aperam.com

**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

System 2+

**6a. Harmonised standard:**

EN 10088-4, Annex ZA I

Notified body/ies:

TÜV Nord Systems GmbH & Co, nº 0045.

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**DECLARATION OF PERFORMANCE – No: 002/2015 - rev. 01**

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 2 de 3

**7. Declared performance/s:**

Essential characteristics	Performance	Harmonised technical specification
Elongation (*1)	45% min	EN 10088-4:2010
Tensile Strength (*1)	520 MPa up to 700 MPa	
0,2% Proof Strength (*1)	200 MPa min	
Impact Strength (*2)	60 J min	
Weldability	Proven by chemical composition	
Durability	Proven by chemical composition	
Cold Formability	Covered by Elongation	
Fracture Toughness	Covered by impact strength	
Dimensions and tolerances on dimensions and shape	Item 6.9 and annex B And DIN EN ISO 18286	

Notes:

(\*1) Mechanical properties acc. to item 6.5.1, table 10-11 and EN 10002-1

(\*2) Impact Strength acc to item 6.5.1 and EN 10045-1

**8. Appropriate Technical Documentation and/or Specific Technical Documentation:**

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Signed for and on behalf of the manufacturer by:



Ronaldo Claret Ribeiro da Silva  
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Aperam South America

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## DECLARATION OF PERFORMANCE – No: 003/2015 - rev. 01

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 1 de 3

For the construction product

Cold-rolled and Hot-Rolled Stainless Steel

**1. Unique identification code of the product type:**

Steel Grade 1.4311  
According to EN 10088-4

**2. Intended use/es:**

Products for construction purposes (structure)

**3. Manufacturer:**

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**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

System 2+

**6a. Harmonised standard:**

EN 10088-4, Annex ZA1

Notified body/ies:

TÜV Nord Systems GmbH & Co, nº 0045.

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## DECLARATION OF PERFORMANCE – No: 003/2015 - rev. 01

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 2 de 3

### 7. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Elongation (*)	40% min	EN 10088-4:2010
Tensile Strength (*)	550 MPa up to 750 MPa	
0,2% Proof Strength (*)	270 MPa min	
Impact Strength (*)	60 J min	
Weldability	Proven by chemical composition	
Durability	Proven by chemical composition	
Cold Formability	Covered by Elongation	
Fracture Toughness	Covered by impact strength	
Dimensions and tolerances on dimensions and shape	Item 6.9 and annex B And DIN EN ISO 18286	

Notes:

(\*1) Mechanical properties acc. to item 6.5.1, table 10-11 and EN 10002-1

(\*2) Impact Strength acc to item 6.5.1 and EN 10045-1

### 8. Appropriate Technical Documentation and/or Specific Technical Documentation:

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According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 3 de 3

Signed for and on behalf of the manufacturer by:

*Ronaldo Claret Ribeiro da Silva*

Ronaldo Claret Ribeiro da Silva  
Stainless Steel Metallurgy Manager  
Aperam South America

Timóteo-Brazil

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## DECLARATION OF PERFORMANCE – No: 004/2015 - rev. 01

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 1 de 3

For the construction product

Cold-rolled and Hot-Rolled Stainless Steel

**1. Unique identification code of the product type:**

Steel Grade 1.4401  
According to EN 10088-4

**2. Intended use/es:**

Products for construction purposes (structure)

**3. Manufacturer:**

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**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

System 2+

**6a. Harmonised standard:**

EN 10088-4, Annex ZA1

Notified body/ies:

TÜV Nord Systems GmbH & Co, nº 0045.

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## DECLARATION OF PERFORMANCE – No: 004/2015 - rev. 01

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 2 de 3

### 7. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Elongation (*)	45% min	EN 10088-4:2010
Tensile Strength (*)	530 MPa up to 670 MPa	
0,2% Proof Strength (*)	220 MPa min	
Impact Strength (*)	60 J min	
Weldability	Proven by chemical composition	
Durability	Proven by chemical composition	
Cold Formability	Covered by Elongation	
Fracture Toughness	Covered by impact strength	
Dimensions and tolerances on dimensions and shape	Item 6.9 and annex B And DIN EN ISO 18286	

Notes:

(\*) Mechanical properties acc. to item 6.5.1, table 10-11 and EN 10002-1

(\*) Impact Strength acc to item 6.5.1 and EN 10045-1

### 8. Appropriate Technical Documentation and/or Specific Technical Documentation:

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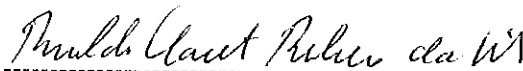
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Pag. 3 de 3

Signed for and on behalf of the manufacturer by:



Ronaldo Claret Ribeiro da Silva  
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## DECLARATION OF PERFORMANCE – No: 005/2015 - rev. 01

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 1 de 3

For the construction product

Cold-rolled and Hot-Rolled Stainless Steel

**1. Unique identification code of the product type:**

Steel Grade 1.4404  
According to EN 10088-4

**2. Intended use/es:**

Products for construction purposes (structure)

**3. Manufacturer:**

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**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

System 2+

**6a. Harmonised standard:**

EN 10088-4, Annex ZA1

Notified body/ies:

TÜV Nord Systems GmbH & Co, nº 0045.

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**DECLARATION OF PERFORMANCE – No: 005/2015 - rev. 01**

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 2 de 3

**7. Declared performance/s:**

Essential characteristics	Performance	Harmonised technical specification
Elongation <sup>(*1)</sup>	45% min	EN 10088-4:2010
Tensile Strength <sup>(*1)</sup>	530 MPa up to 670 MPa	
0,2% Proof Strength <sup>(*1)</sup>	220 MPa min	
Impact Strength <sup>(*2)</sup>	60 J min	
Weldability	Proven by chemical composition	
Durability	Proven by chemical composition	
Cold Formability	Covered by Elongation	
Fracture Toughness	Covered by impact strength	
Dimensions and tolerances on dimensions and shape	Item 6.9 and annex B And DIN EN ISO 18286	

Notes:

(\*1) Mechanical properties acc. to item 6.5.1, table 10-11 and EN 10002-1

(\*2) Impact Strength acc to item 6.5.1 and EN 10045-1

**8. Appropriate Technical Documentation and/or Specific Technical Documentation:**

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

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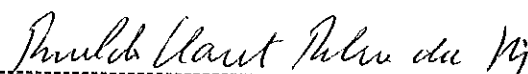
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Pag. 3 de 3

Signed for and on behalf of the manufacturer by:



Ronaldo Claret Ribeiro da Silva  
Stainless Steel Metallurgy Manager  
Aperam South America

Timóteo-Brazil

11/07/2015

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**DECLARATION OF PERFORMANCE – No: 006/2015 - rev. 01**

According to Annex III Construction Products Regulation (305/2011/EU)  
and Regulation (EU) No 574/2014

Pag. 1 de 3

For the construction product

Cold-rolled and Hot-Rolled Stainless Steel

**1. Unique identification code of the product type:**

Steel Grade 1.4550  
According to EN 10088-4

**2. Intended use/es:**

Products for construction purposes (structure)

**3. Manufacturer:**

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Contact: paulo-sergio.ribeiro@aperam.com

**4. Authorised representative:**

Not applicable

**5. System/s of AVCP:**

System 2+

**6a. Harmonised standard:**

EN 10088-4, Annex ZA I

Notified body/ies:

TÜV Nord Systems GmbH & Co, nº 0045.

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**DECLARATION OF PERFORMANCE – No: 006/2015 - rev. 01**

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and Regulation (EU) No 574/2014

Pag. 2 de 3

**7. Declared performance/s:**

Essential characteristics	Performance	Harmonised technical specification
Elongation (*)	40% min	EN 10088-4:2010
Tensile Strength (*)	520 MPa up to 700 MPa	
0,2% Proof Strength (*)	200 MPa min	
Impact Strength (*)	60 J min	
Weldability	Proven by chemical composition	
Durability	Proven by chemical composition	
Cold Formability	Covered by Elongation	
Fracture Toughness	Covered by impact strength	
Dimensions and tolerances on dimensions and shape	Item 6.9 and annex B And DIN EN ISO 18286	

Notes:

(\*1) Mechanical properties acc. to item 6.5.1, table 10-11 and EN 10002-1

(\*2) Impact Strength acc to item 6.5.1 and EN 10045-1

**8. Appropriate Technical Documentation and/or Specific Technical Documentation:**

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

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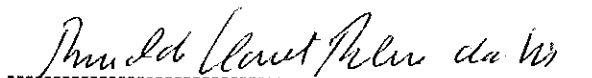
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Stainless Steel Metallurgy Manager  
Aperam South America

Timóteo-Brazil

11/07/2015

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