

A04 Manufacturer's mark



A01 Manufacturer's plant

Steel Mill SE
Stahlstrasse 1
Linz 4040, AT

A06.1 Purchaser

Steel Trading AG
Handelsgasse 1
Berlin 10115, DE

A06.3 Recipient of the test certificate

Steel User AG
Handelsgasse 1
Berlin 10115, DE

Commercial transaction

A02 Type of inspection document

Mill Certificate EN 10204 3.1

A03 Document number

1866645/001

A05 Originator of the document

Factory Production Control

A07 Purchaser order number

0334/2019/ZZS

A08 Manufacturer's work order number

958722

A09 Purchaser article number

TR-12456

A97 Order position

1

A98 Delivery number

DN-1583836

A99 Aviso number

AV-87682933

Supplementary information

A10 Buyer Reference Number

BRN-1583836

A11 Buyer Reference Date

23/10/2018

Production description

B01 Product

Seamless Steel Tubes Hot Roiled

B02 Specification of the product

Steel designation

S355J2H, P355NH/TC1, E355+N

Product norm

EN 10219-1:2006

Mass norm

EN 10220

Material norm

EN 10297-1:2003-06

B03 Any supplementary requirements

Ausführung lt. EN 10219 Teil 1+2 /--/

B04 Delivery condition

normalized

B06 Marking of the product

SST 200x150x6

B07 Identification of the product

7282841

B08 Number of pieces

16

B09 Product dimensions

Form

Rectangular tube

Width

200 mm

Height

150 mm

Wall thickness

6 mm

B10 Length

12000 mm

B11 Product mass

1.5 mm

B12 Theoretical mass

5738 kg

B13 Actual mass

5739 kg

Supplementary information

B99 B99

1607219/0001_20181023_1529

Inspection

C00 Batch number

175508

C02 Direction of the test piece

0001 längs

C03 Test temperature

-20 Celsius

Supplementary information

Tensile test

C11 Yield or proof strength Streckgrenze ReH/RP0,2	377 MPa
C12 Tensile strength Zugfestigkeit Rm	456 MPa
C13 Elongation after fracture Bruchdehnung A5/A80	29.7 %

Supplementary information

C14 Re/Rm	0.83
C15 Sample Identifier	10001011/175508

Notched bar impact test

C40 Type of test piece	0001 längs		
C41 Width of test piece	5 mm		
C42 Individual values	71, 84, 85J		
C43 Mean value	80 J	min 78 J	max 90 J

Supplementary information

C44 Sample Identifier	10001011/175508
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Chemical composition

Symbol	Y											
	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82
Unit	%	%	%	%	%	%	%	%	%	%	%	%
Min	0.150	0.001				0.020	0.020					
Max	0.220	0.050	1.600	0.025			0.060					
Actual	0.150	0.005	1.000	0.014	0.030	0.041	0.020	0.009	0.002	0.010	0.002	0.001
Symbol	C85	C86	C92									
Unit	N	B	CEV									
Actual	0.004	0.001	0.327									

Other tests

D01 Marking, identification, surface appearance, shape and dimensional properties	Marking
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Nondestructive tests

D02 Visual Inspection	100 %	Positive	EN 10219-1
D03 Non destructive test	100 %	Positive	EN ISO 10893-2
D04 Dimensional Inspection	1 Lot	Positive	EN 10219-2

Other product tests

D51 Tensile flattening test	100 %	Positive	EN 10217-1
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Validation

Z01 Statement of compliance	We hereby certify, that the material described above has been tested and complies with the terms of the order. This certificate has been created by a data processing system and does not contain a personal signature but the name and the official address of the appointet department.	Z04
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Z02 Date of issue and validation	23/10/2018
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Z03 Stamp of the inspection representative

John D. Keller
Quality Manager



Supplementary information

Z05 Quality Department Tel.

+43 732 1000 8888

Z06 Quality Department Fax

+43 732 1000 8889

Z07 Quality Department Email

quality@steelmill.se

Data schema maintained by [Material Identity](#)

<https://schemas.materialidentity.org/en10168-schemas/v0.5.0/schema.json>