

A04 Manufacturer's mark



A01 Manufacturer's plant

Steel Mill SE
Stahlstrasse 1
Linz 4040, AT

A06 Purchaser

Steel Trading 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 Rolled

B02 Specification of the product

S355J2H, P355NH/TC1, E355+N

Steel designation

EN 10219-1:2006

Product norm

EN 10220

Mass norm

EN 10297-1:2003-06

Material norm

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

Rectangular tube

Form

200 mm

Width

150 mm

Height

6.5 mm

Wall thickness

12000 mm

B10 Length

1.5 mm

B11 Product mass

5738.3 kg

B12 Theoretical mass

5739.3 kg

B13 Actual mass

Supplementary information

B99 B99

1607219/0001_20181023_1529

Inspection

C00 Batch number

Charge Chemical Analysis

Chemical composition

C70 Steelmaking process

Y

Symbol	C71	C72	C73	C74	C75	C76	C77	C78	C79
Unit	%	%	%	%	%	%	%	%	%
Actual	0.1500	0.0050	1.0000	0.0140	0.0070	0.0410	0.0200	0.0090	0.0020

Supplementary information

C110 Sample Identifier

10001011/175508

Inspection

C00 Batch number	Charge TensileTest
C02 Direction of the test piece	0001 längs
C03 Test temperature	-20 Celsius

Tensile test

C11 Yield or proof strength Streckgrenze ReH/RP0,2	377.12 MPa
C12 Tensile strength Zugfestigkeit Rm	456.18 MPa
C13 Elongation after fracture Bruchdehnung A5/A80	29.7 %

Supplementary information

C14 Re/Rm	0.83
C15 Sample Identifier	10001011/175508

Inspection

C00 Batch number	Charge HardnessTest
C03 Test temperature	-20 Celsius

Hardness test

C30 Method of test	Brunell		
C31 Individual values	71.3, 84.2, 85.2]		
C32 Mean value	80.3 J	min 78.5 J	max 90.6 J

Inspection

C00 Batch number	Charge NotchedImpactTest
C03 Test temperature	-20 Celsius

Notched bar impact test

C40 Type of test piece	0001 längs		
C41 Width of test piece	5 mm		
C42 Individual values	71.2, 84.2, 85.2]		
C43 Mean value	80.3 J	min 78.5 J	max 90.6 J

Supplementary information

C44 Sample Identifier	10001011/175508
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Other tests

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

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

Other product tests

D51 Tensile flattening test	100 %	Positive
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Validation

Z01 Statement of compliance	We hereby certify, that the material described above has been tested and complies with the	Z04
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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.



Z02 Date of issue and validation

23/10/2018

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

Z08 Ultra Green Steel

<https://www.steelmill.com/ultragreensteel>



Data schema maintained by [Material Identity](#)

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