STEEL MILL SE
Sustainable Steel Production

Industrious Werk 1
Säbener Straße
München 81547, DE

Nordic Steel Trading AB
Stålvägen 42
Stockholm 12345, SE

Commercial transaction

A02 Type of inspection document	Inspection certificate 3.1 according to EN 10204:2004
A03 Document number	000000000020
A05 Originator of the document	Planning and Q-Control Dept.
A08 Manufacturer's work order number	0080012076
A07 Purchaser order number	0000013869

Production description

B01 Product	Slab Casting
B06 Marking of the product	Heatnumbers
B02 Specification of the product	
Steel designation	BR
B09 Product dimensions	
Form	Slab
Width	2000 MM
Thickness	200 MM

Inspection

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

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, 85.2J		
C43 Mean value	80.3 J	min 78.5 J	max 90.6 J

Supplementary information

C44 Sample Identifier	10001011/175508

Chemical composition

	C71	C72	C73	C74	C75	C76	C77	C78	C79	C80	C81	C82
Symbol	AL	B	C	CR	CU	H2	MN	MO	N	NB	NI	P
Unit	%	%	%	%	%	ppm	%	%	%	%	%	%
Min	0.015	0.0015	0.180	0.050	0.000	0	1.150	0.000	0.0000	0.010	0.000	0.000
Max	0.050	0.0025	0.205	0.150	0.080	2	1.350	0.050	0.0050	0.020	0.080	0.020
Actual	0.038	0.0019	0.195	0.061	0.023	0	1.178	0.007	0.0031	0.015	0.036	0.011

	C83	C84	C85	C86
Symbol	S	SI	TI	V
Unit	%	%	%	%
Min	0.0000	0.250	0.010	0.000
Max	0.0020	0.400	0.020	0.020
Actual	0.0005	0.314	0.016	0.002

Validation

Z01 Statement of compliance	The products supplied comply with the requirements of the purchase order.
Z02 Date of issue and validation	21/01/2026
Z03 Stamp of the inspection representative	

Data schema maintained by Material Identity

https://schemas.s1seven.com/en10168-schemas/v0.5.0/schema.json