

Inspection certificate
EN 10 204 - 3.1

A02

Issuing department
Quality Inspection

A05

Purchaser order no
1-602000031

A07

Our order no
10255956-20

A08

Invoice no

A19

Certificate no and date
16246127 2016-10-19

A03

Purchaser
Schäfer - Menk s.r.o.
Post. příhr. 8
Prestínska 1415
153 00 Praha 5 - Radotín
Czech Republic

A11
26839

Product
Structural steel

B01

Marking (Stamping)
Steel grade, Manufacturer, MATERIAL ID

B06

Customer marks
M01 000240

B15

Quantity 1
Dimensions [mm] T 6 W 2000 L 4100
Weight [kg] 387

Consignee
Schäfer - Menk s.r.o. Post. Příhr. 8 Prestínska 1415 153 00 Praha 5 - Radotín Czech Republic

A06

Standardrules
OX WELDOX 960
Steel grade WELDOX 960 E

B12

Deliv. Cond. Q

B04

Internal code
22059

B16

MATERIAL ID
119814-875089

B07

Chemical composition

Heat no	C	Si	Mn	P	S	Cr	Ni	Mo	V	Ti	Cu	Al	Nb	B	N	EW	C14
119814	16	21	1.24	.007	.001	.19	.08	.592	.039	.003	.01	.054	.014	.001	.002	54	359

C71-C92

Carbon equivalent, etc

C93-C99

CEV (EW) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15
C14 = CET = C + (Mn+Mo)/10 + (Cr+Cu)/20 + Ni/40

Test type	C04 Millocode	C00 Specimen position	C01 Direc- tion	C02 Treat- ment	B05 Specimen type	C10 Temp [degr C]	C03 Test results		
							C11	C12	C13
Tensile Test	601443	Top end	Transvers	Delivery condition	Rectangular		Rp0.2 [MPa] 1029	Rm [MPa] 1050	A5 [%] 15
Impact test	601443	Top end	Transvers	Delivery condition	Charpy-V Sx10	-40	C42 E [J] 55	C42 E [J] 61	C42 E [J] 55
							C43 Ave [J] 57		

Ultrasonic testing: Satisfactory results according to:

EN 10160 CLASS E1,S1:100 MM GRID

VÁLA PETR
kontrola

B02: EN 10025-6/S960QL

EN 10025-6, OPTION 30

FAUN FN 50160 TELESKOPAUŠLEGER JUN 2013



	This certificate is produced with EDP and valid without signature Quality Inspection Department / R Tschemenjäck / A Backlund	Z02		It is hereby certified that the material described above complies with the requirements of the order.	Z01	A22	

45428

Inspection certificate EN 10 204 - 3.1 A02 Issuing department Quality Inspection A05 Purchaser order no 1-602000031 A07 Our order no 10255956-60 A08 Invoice no A19 Certificate no and date 16251047 2016-10-21 A03

SSAB EMEA AB, SE-613 80 OXELÖSUND, Sweden A01

Purchaser Schäfer - Menk s.r.o. 26839 A11 Product Structural steel B01 Marking (Stamping) Steel grade, Manufacturer, MATERIAL ID B06 Customer marks M01 000271 B15
 Post prhr. 8
 Prestinska 1415
 153 00 Praha 5 - Radoftin
 Czech Republic

Quantity B08 Dimensions [mm] T 10 W 2000 L 4000 B09-B11 Weight [kg] 628 B12 Deliv. Cond. B04 Internal code 22059 B16
 Consignee Schäfer - Menk s.r.o. Post. Prhr. 8 Prestinska 1415 153 00 Praha 5 - Radoftin Czech Republic A06 Standard/rules OX WELDOX 960 Steel grade WELDOX 960 E B02

MATERIAL ID 119657-877439

Chemical composition

Heat no	C	Si	Mn	P	S	Cr	NI	Mo	V	TT	Cu	Al	Nb	B	N	EW	C14
119657	.17	.22	1.24	.008	.001	.20	.06	.594	.041	.003	.01	0.55	.016	.001	.002	.54	.360

C71-C92 Carbon equivalent etc C93-C99
 CEV (EM) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15
 C14 = CET = C + (Mn+Mo)/10 + (Cr+Cu)/20 + Ni/40

Testtype	C04 Millcode	C00 Specimen position	C01 Direction	C02 Treatment	B05 Specimen type	C10 Temp [degr C]	C03 Test results
Tensile Test	606589	Tail end	Transvers	Delivery condition	Rectangular		C11 Rp0.2 [MPa] 1027 C12 Rm [MPa] 1056 C13 A5 [%] 15
Impact test	606589	Tail end	Transvers	Delivery condition	Charpy-V 7.5x10	-40	C42 E [J] 100 C42 E [J] 79 C42 E [J] 80 C43 Ave [J] 86

Ultrasonic testing: Satisfactory results according to:

EN 10160 CLASS E1, S1:100 MM GRID

B02: EN 10025-6/S960QL

EN 10025-6, OPTION 30

FAUN FN 50160 TELESKOPPAUSLEGER JUN 2013

kontrolo

OX Quality Inspection Department R
 This certificate is produced with EDP and valid without signature
 Tschernerjäck / A Backlund

CE 10
 0045-CPD-0637
 www.ssaab.se/certificates

It is hereby certified that the material described above complies with the requirements of the order.

Z01 A22
 WELDOX A04
 HIGH STRENGTH STEEL
 www.weldox.com

