

SSAB

Inspection certificate EN 10 204 - 3.1		A02		Issuing department Quality inspection		A05		Purchaser order no 1570		A07		Our order no 177275-10		A08		Invoice no		A19		Certificate no and date 16471995 2017-03-13		A03	
SSAB EMEA AB, SE-613 80 OXELÖSUND, Sweden A01																							
Purchaser SSAB SWEDISH STEEL COMERCIO DE ACO RUA CELIO JOSE FRANCESCHI, 73 83707-748 CHAPADA-ARAUCARIA Parana Brazil				A11 29298		Product Abrasion resistant steel plate		B01		Marking (Stamping) Steel grade, Manufacturer, MATERIAL ID		B06		Customer marks 8838		B15							
Quantity B08 1		Dimensions [mm] T 76,2 W 1700 L 6000		B09-B11		Weight [kg] 6102		B12		Deliv. Cond. Q		B04		Internal code 21529		B16							
Consignee SSAB Swedish Steel Ltda Rua Celio Jose Franceschi 73 - Chapada 83.707-748 ARAUCARIA Brazil				A06		Standard/rules OX HARDX 450 Steel grade HARDX 450		B02															
MATERIAL ID 120461-192608																							

Chemical composition												C71-C92	Carbon equivalent etc	C93-C99
Heat no 120461	C	Si	Mn	P	S	Cr	Ni	Mo	B	EW	C14		CEV (EW) = C + Mn/6 + (Cr+Mo+V)/5 + (Ni+Cu)/15 C14 = CET = C + (Mn+Mo)/10 + (Cr+Cu)/20 + Ni/40	
	.19	.24	.97	.012	.001	1.18	.70	.346	.001	.71	.402			

Testtype	C04	Millcode	C00	Specimen position	C01	Direction	C02	Treatment	B05	Specimen type	C10	Temp [degr C]	C03	Test results
Hardness test (HBW)	853196			Tail end				Delivery condition						C32 Ave 452

CORACORTHE COM. FERRO E AÇO LTDA

RASTREABILIDADE	
FORNECEDOR: CORACORTHE	
NF. Nº	
CLIENTE:	
OP. Nº:	

CH 15744

	This certificate is produced with EDP and valid without signature		Z02
	Quality Inspection Department/ R Tschemernjack / A Backlund		
It is hereby certified that the material described above complies with the requirements of the order.		Z01	
		A22	
		A04	
		HARDX® WEAR PLATE www.hardox.com	