

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
65005 KARLSTAD
Swedenas per : EN 10204
No. : 2023-2041324043-30-2158604-014
Rev. 0 Page 1 of 1

PO no.	690836	of	05.04.2023
Order no.	1041090874		
Delivery note/pos./split	2041324043/000000/000030	of	06.04.2023
Product	stick electrode		
Trade name	BÖHLER FOX EV 50		
Standard designation	EN ISO 2560-A: E 42 5 B 42 H5 AWS A5.1 / SFA-5.1: E7018-1H4R		
Dimension	2,5 x 350 mm		261089
Serial no.	2158604		11543
Quantity	8,4 KG		2U83060E 0015

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Nb	Mn+Ni+C			
0,06	0,54	1,17	0,008	0,006	0,05	0,02	0,05	0,02	0,05	< 0,01	1,31			

Mechanical properties

EN 10204 - 2.2

Tensile test							
T	ReL / Rp 0,2 MPa	Rp 1,0 MPa	Rm MPa	A (Lo = 5d) %	Z %	WBH PWHT	Remarks
20°C	≥ 420		500 - 640	≥ 22			
Impact test							
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-50°C	≥ 47						
20°C	≥ 120						

Town
AvestaDate
07.04.2023

This certificate was issued by DP-equipment and does not require signature.

Authorized representative
Lidstroem