

ÖSTERBERGS INDUSTRIHANDEL AB

Inspection certificate 3.1

BOX 5240
 65005 KARLSTAD
 Sweden

as per : EN 10204
 No. : 2024-2041327053-20-2162805-014
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PO no.	1416330	of	16.09.2024
Order no.	1041093342		
Delivery note/pos./split	2041327053/000000/000020	of	16.09.2024
Product	stick electrode		
Trade name	BÖHLER FOX EV 50		
Standard designation	EN ISO 2560-A: E 42 5 B 4 2 H5 AWS A5.1 / SFA-5.1: E7018-1H4R		
Dimension	2,5 x 350 mm		261089
Serial no.	2162805		54726
Quantity	14,4 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	0,60	1,21	0,013	0,009	0,05	< 0,01	0,02	0,02	0,05	< 0,01	1,30			

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
 Avesta

Date
 17.09.2024

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

Authorized representative
 Lidstroem