

Inspection certificate 3.1

as per : EN 10204

No.: 2021-2047013880-30-21699-025

Rev. 1

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PO no.	[REDACTED]	of	20.05.2021
Order no.	[REDACTED]		
Delivery note/pos./splitt	[REDACTED]	of	31.05.2021
Product	covered electrode		
Trade Name	BOHLER FOX S EV 50		
Standard designation	EN ISO 2560-B : E 49 18 A U H 5 EN ISO 2560-A : E 42 3 B 42 H5 AWS A5.1/SFA 5.1 : E7018-H4R		
Level of testing	Schedule I		
Lot classification	Class C3		
Dimension	SMAW 4,0 x 350 mm		
Lot No.	21699		
Quantity	24000,0 KG		

300497
82556
JUP8000E
0425

Chemical composition in % of the weld metal

C	Si	Mn	P	S	Cr	Mo	Ni	V	Cu	Nb				
0.08	0.40	1.09	0.024	0.011	0.030	0.003	0.009	0.003	0.01	0.001				

Mechanical properties

as per : EN 10204 : 3.1

Tensile test						according to : ASTM E8	
Specimen preparation						according to : AWS B4.0	
T	ReL / Rp 0,2 Mpa	Rp 1,0 Mpa	Rm Mpa	A (Lo = 4d) %	Z %	WBH PWHT	Remarks
20°C	506		601	32		AW	Actual values
Impact test						according to : ASTM E23	
Specimen preparation						according to : AWS B4.0	
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks	
-30°C	153 ; 180 ; 182	171			AW	Actual values	
-40°C	166 ; 146 ; 144	152			AW	Actual values	
Other Test				as per : EN 10204 : 3.1		as per : EN 10204 : 2.2	
Hardness HV10	Average	Moisture Test %	Radiographic Test	H2 Diffusible ml/100g weld deposit acc. To AWS A4.3		Remarks	
-	-	0.08	Acceptable	< 4ml/100gms		-	

The product BOHLER FOX S EV 50 meets the requirements of the filler metal specification ASME sec II, part C, AWS A5.1/SFA 5.1 : E7018-H4R when tested in accordance with that specification.

Town
BekasiDate
30.08.2021

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

Authorized Representative