

Sample certificate

Inspection certificate 3.1

as per : EN 10204

No. : 2019-2020169761-140-2146977-024

Rev. 0

Page 1 of 1

PO no.	Sample
Order no.	
Delivery note/pos./splitt	
Product	covered electrode
Trade name	BOEHLER FOX CEL 85
Standard designation	EN ISO 2560-A: E 46 4 1Ni C 25 AWS A5.5: E8010-P1
Dimension	5,0 x 350 mm
Lot no.	2146977
Quantity	105,6 KG

Chemical composition in % of the product

C	Si	Mn	P	S	Cr	Mo	Ni	V	B					
0,16	0,07	0,56	0,01	0,006	0,03	< 0,01	0,66	< 0,01	< 0,001					

Mechanical properties**EN 10204: 2.2**

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 = 5d) %	Z %	WBH PWHT	Remarks	
+20°C	≥ 460		550 - 650	≥ 19		AW		
Impact test							according to : EN ISO 148-1/10	
Specimen preparation							according to : EN ISO 9016 VWT 0/b	
T	Impact energy KV / J	Average KV / J	Lateral expansion mm	Shear fracture %	WBH PWHT	Remarks		
-29°C	≥ 27				AW			

The product BOEHLER FOX CEL 85 meets the requirements of the filler metal specification ASME sec II, part C, AWS A5.5: E8010-P1 when tested in accordance with that specification.

Town Singapore Date 14.01.2022 This certificate was issued by DP-equipment and does not require signature. Authorized representative Pankaj