SELECTARC

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Inspection certificate
TYPE 3.1
According to NF EN 10204

Customer	Order N°	Certificate N°	DN N°	
SVE010	226362	2263620550011	DN202341	
Customer order reference		**Reference date**		**Pg**
12754		29/09/2021		1/1

SVETSEKONOMI AB
RATTVAGEN 9
54134 SKOVDE
SUEDE

Lot	Quantity	
0612744	186,00	KG
Product		
81944	S11	EE B7016SP 4x450 3x6.2kg

Standards
AWS A5.1/ ASME II C SFA5.1E7016
ISO 2560-A E 38 3 B 1 2 H10

Chemical analysis (%)

Elements	C	Si	Mn	Cr	Ni	Mo	Cu	Nb	P	S	V	Mn+Ni+
Min												
Max	0.15	0.75	1.60	0.20	0.30	0.20	0.3	0.05	0.035	0.035	0.05	1.75
Actual	**0.038**	**0.681**	**1.133**						**0.008**	**0.008**		**<1.75**

Typical mechanical properties of all weldmetal : 2.2

Tensile test according **ISO 6892-1**

T°	Value	Rp0,2 (MPa)	Rm (MPa)	A5 (%)
+20°C		400	490	22
			600	
	Typical	450	550	27

Impact test according **ISO 148-1**

T°	Value	KV (J) Single	KV (J) Average	LE (mm)
+20°C				
	Typical		150	
-20°C				
	Typical		80	
-30°C			47	
	Typical		70	

According ASME II Part C / SFA 5.01 and ISO 14344

Testing schedules	Lot class
3/H	C1

We certify hereby that above mentioned product is consistent with classification standards and with the order prescriptions.

Grandvillars the, 08/10/2021

Computer print out, valid without signature. Quality Manager : Karine BARBIER