

**INSPECTION CERTIFICATE**

According to EN 10204 - 3.1

No 161991

Rev.1

Date
2019-09-25Our ref.
Carina Erkén - CGQ

Your ref.

Your order

Our order

To
ESAB Middle East FZE
P.O.Box 8964
DUBAI
UNITED ARAB EMIRATES**PRODUCT INFORMATION**

OK 55.00	Ø4.0 mm	SFT16139	Art.No. 55004045G0
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CHEMICAL ANALYSIS (%)

Moisture : 0.09%

C	Si	Mn	P	S	Cr	Ni	Mo	Cu
0,072	0,38	1,47	0,016	0,006	0,039	0,023	0,007	0,039
V	Nb	Ti	Al					
0,017	0,005	0,006	<0.005					

Radiographic test according to ASME SEC II C SFA AWS 5.1; Acceptable

MECHANICAL PROPERTIES OF THE WELD METAL as welded(AWS)

0.20%PS N/mm ²	UTS N/mm ²	%El	Temp °C	Joule	Hardness in Vickers Hv10
550	633	31.5	-50	122, 146, 116 = Ave. 128	220, 221, 205, 226, 211

MECHANICAL PROPERTIES OF THE WELD METAL (after PWHT 620° C - 10 Hr)

0.20%PS N/mm ²	UTS N/mm ²	%El	Temp °C	Joule	Hardness in Vickers Hv10
504	603	29	-50	80, 72, 80 = Ave. 77	197, 188, 204, 190, 195

Lot Class C3

Tested as per Schedule K

Typical diffusible hydrogen value less than 4ml/100gm weld metal

REFERENCESRef.No:AE190631P, AE190230
Report Number D903119, D901699
Report No:18681, 16709, 2608**CLASSIFICATIONS**EN ISO 2560-A: E 46 5 B 32 H5
SFA/AWS A5.1: E7018-1H4 R**ESAB AB**

Global Certification Department

Carina Erkén Quality Coordinator