

Inspection Certificate EN 10204 3.1

NST A-316L 1.2mm

Classification:	NS-EN ISO 17633-A T 19 12 3 L P M 1	Date of issue:	15.08.2022	Lot No.:	Y226007BMY
Classification:	AWS A5.22/ A5.22M:2012 E316LT1-4			Certificate No.:	489880

Chemical Composition Of Weld Metal (%) - EN 10204 3.1

Elements:	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	P+S			
RQMT:	Max 0.04	Max 1.0	0.5-2.0	Max.0.030	Max.0.025	Max.0.50	11.0-13.0	17.0-20.0	2.5-3.0	Max 0.050			
Test Result:	0.018	0.46	1.19	0.023	0.003	0.11	11.77	19.23	2.80	0.026			

Yield And Tensile Strength Values Of Deposited Metal - EN 10204 3.1				Impact Test Values Of Deposited Metal - EN 10204 3.1			Welding Conditions			
	Yield Strength N/mm ²	Tensile Strength N/mm ²	Elongation (%)	Temperature (°C)	Absorbed Energy (J)	AVG	Type Of Current	Amperage	Arc Voltage	Shielding Gas
RQMT:	≥320	≥550	≥30	-	-	-	-	-	-	M21
Test Result:	431	574	36	-	-	-	-	-	-	Ar/CO ₂ - 80/20

Bending Test AWS A5.22		Radiographic Test AWS A5.22	Fillet Weld Test AWS A5.22	Visual & Dimensional Inspection	Delta Ferrite Content (FN)
Face					
Satisfactory		Satisfactory	Satisfactory	Satisfactory	15.6

We hereby certify that this report is correct, and that all test results are in compliance with the specifications described herein.

Thomas Motzfeldt, NST.

Signed Electronically

NST Purchase Spec.: NST A-316L REV.5

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Norsk Sveiseteknikk AS
Headquarter
P.O Box 109
3301 Hokksund
Norway

