



INSPECTION CERTIFICATE According to EN 10204 3.1

No.7403

Designation	E6013	Specification	Φ 4.0 X 400mm	Batch No.	142309 1	Date	2023-9-22	Quantity	1.5t
CHEMICAL COMPOSITIONS OF DEPOSITED METAL									
COMPOSITIONS	C	Mn	Si	S	P				
REQUIREMENTS	≤0.12	0.30-0.60	≤0.30	≤0.035	≤0.040				
RESULT	0.078	0.37	0.18	0.025	0.024				
Mechanical Properties of Deposited Metal							ButtWeld		
Tensile Test				Impact Test					
Y.P(MPa)	T.S(MPa)	%	Temp.	Value(J)			NDT		
≥330	≥420	≥17	0°C	≥27			I		
415	445	22	0°C	66	68	64	66	I	
(Surface Appearance Quality: EXCELLENT)									
APPROVED BY	GRADE	Quality Management System Audit		ISO9001-2015		(ml/100g)			
CE TUV									
GB/T5117-2012 (Fitted as GB/T5117-2012 Covered electrodes for manual metal arc welding of non-alloy and fine grain steel E4313 AWS A5.1 E6013									

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