

INSPECTION CERTIFICATE

LLC NGS GROUP
PURCHASER PO NO:WB165908

CERTIFICATE 420221187
25.07.2022
DATE OF ISSUE Jul.25,2022

COVERED ELECTRODE

TRADE DESIGNATION	DIMENSION(mm) (mm)	MFG.No.	APPLICABLE SPECIFICATION AND CLASSIFICATION
LB - 52U	3.2	D12663026	AWS A5.1 E7016

(%) EN10204 3.1 CHEMICAL COMPOSITION (%) ACCORDING TO EN10204 TYPE 3.1												
ELEMENTS	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	1B
DEPOSITED METAL	0.06	0.57	1.08	0.011	0.003	0.02	0.01	0.03	<0.01	0.01	<0.01	1.13
ELEMENTS								1B=Mn+Ni+Cr+Mo+V				

EN10204 3.1 MECHANICAL PROPERTY ACCORDING TO EN10204 TYPE 3.1										
TENSILE TEST OF DEPOSITED METAL					IMPACT TEST OF DEPOSITED METAL					
YIELD POINT	0.2% YIELD STRENGTH AT 0.2% OFFSET	TENSILE STRENGTH	ELONGATION	TEST TEMP.	IMPACT VALUE					
					AVG.	EACH				
-	MPa	455 MPa	561 MPa	37 %	-40	101 J/cm ²	123	91	88	J/cm ²

WELDING CONDITIONS				POST WELD HEAT TREATMENT
TYPE OF CURRENT	DCEP	SHIELDING GAS		
			-	
AMPERAGE	120 A			
ARC VOLTAGE	24 V			

WE HEREBY CERTIFY THAT THE ABOVE TEST RESULTS ARE CORRECT AND ACCURATE AND THAT THE WELDING MATERIAL IDENTIFIED HEREIN MEETS ALL REQUIREMENTS OF THE APPLICABLE SPECIFICATION.

KOBELCO STEEL, LTD. WELDING BUSINESS

SAIJO PLANT

ГЛАВНЫЙ ИНСПЕКТОР CHIEF INSPECTOR

