

INSPECTION CERTIFICATE

LLC NGS GROUP

CERTIFICATE 420241545
 10.12.2024
 DATE OF ISSUE Dec.10,2024

PURCHASER
 PO NO:WX075601

COVERED ELECTRODE

TRADE DESIGNATION	(mm) DIMENSION(mm)	MFG.No.	APPLICABLE SPECIFICATION AND CLASSIFICATION
LB - 52U	4.0	D12663293	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	0.60	1.13	0.009	0.003	0.01	0.01	0.03	<0.01	0.01	<0.01	1.17
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	446 MPa	544 MPa	33 %	-40	145 J/cm ²	150	144	143	J/cm ²	-

WELDING CONDITIONS				POST WELD HEAT TREATMENT
TYPE OF CURRENT	DCEP	SHIELDING GAS	-	
AMPERAGE	160 A			
ARC VOLTAGE	25 V			- x - h

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.

KOBE STEEL, LTD. WELDING BUSINESS

SAIJO PLANT

ГЛАВНЫЙ ИНСПЕКТОР CHIEF INSPECTOR

