

INSPECTION CERTIFICATE

LLC NGS GROUP

PURCHASER
PO NO:WX076001

COVERED ELECTRODE

CERTIFICATE 420241578
13.12.2024
DATE OF ISSUE Dec.13,2024

TRADE DESIGNATION	(mm) DIMENSION(mm)	MFG.No.	APPLICABLE SPECIFICATION AND CLASSIFICATION
LB - 52U	3.2	D12663077	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	0.58	1.08	0.009	0.003	0.02	0.01	0.03	<0.01	0.01	<0.01	1.14
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		
- MPa	452 MPa	556 MPa	36 %	-40	AVG.	EACH	
					151 J/cm ²	164 162 127 J/cm ²	

WELDING CONDITIONS

TYPE OF CURRENT	DCEP	SHIELDING GAS	-	POST WELD HEAT TREATMENT
AMPERAGE	120 A			- x - h
ARC VOLTAGE	25 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.

KOBE STEEL, LTD. WELDING BUSINESS

SAIJO PLANT

ГЛАВНЫЙ ИНСПЕКТОР CHIEF INSPECTOR

