

## INSPECTION CERTIFICATE

LLC NGS GROUP  
PURCHASER PO NO:WB17230X

CERTIFICATE 420221587  
16.09.2022  
DATE OF ISSUE Sep.16,2022

COVERED ELECTRODE

TRADE DESIGNATION	DIMENSION (mm)	MFG.No.	APPLICABLE SPECIFICATION AND CLASSIFICATION
LB - 52U	2.6	D12663030	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	0.07	0.56	0.95	0.009	0.003	0.01	0.01	0.03	<0.01	0.01	<0.01	1.00
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	MPa	MPa	%			AVG.	EACH				
-	465	MPa	569	MPa	34	%	-40	134	J/cm <sup>2</sup>	151 142 110	J/cm <sup>2</sup>	-

WELDING CONDITIONS				POST WELD HEAT TREATMENT
TYPE OF CURRENT	DCEP	SHIELDING GAS	-	
AMPERAGE	90 A			
ARC VOLTAGE	23 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

