

INSPECTION CERTIFICATE

LLC NGS GROUP
PURCHASER PO NO:WB16900X

CERTIFICATE 420221510
13.09.2022
DATE OF ISSUE Sep.13,2022

COVERED ELECTRODE

TRADE DESIGNATION	(mm) DIMENSION(mm)	MFG.No.	APPLICABLE SPECIFICATION AND CLASSIFICATION
LB - 52U	3.2	D12663031	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	0.56	1.08	0.009	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	464 MPa	558 MPa	35 %	-40	144 J/cm ²	152	144	137	J/cm ²

WELDING CONDITIONS

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

