

INSPECTION CERTIFICATE

COVERED ELECTRODE

CERTIFICATE NO: 203106

DATE OF ISSUE: 25 February, 2019

PURCHASER:

TRADE DESIGNATION	DIMENSION (mm)	MFG. NO.	APPLICABLE SPECIFICATION AND CLASSIFICATION
LB-52	2.6	237	AWS A5.1 E7016

CHEMICAL COMPOSITION										ACCORDING TO EN10204 TYPE 3.1
ELEMENTS WELD METAL	C	SI	Mn	P	S	Ni	Cr	Mo	V	
	0.07	0.41	0.85	0.009	0.003	0.01	0.03	0.01	0.01	



TENSILE TEST OF WELD METAL			IMPACT TEST OF WELD METAL			HARDNESS TEST	
ACCORDING TO EN10204 TYPE 3.1			ACCORDING TO EN10204 TYPE 3.1			VICKERS HARDNESS (AVG)	
YIELD STRENGTH AT 0.2% OFFSET	TENSILE STRENGTH	ELONGATION	TEST TEMP.	ABSORBED ENERGY			
486 Mpa	586 Mpa	32	-20 deg. C	AVG			
		%					

WELDING CONDITION		POST WELD HEAT TREATMENT		REMARKS
TYPE OF	DC+			
CURRENT AMPERAGE	80 (A)			
ARC VOLTAGE	20 (V)	- deg. C X - h		

WE HEREBY CERTIFY THAT THE TEST RESULTS OF THE ABOVE WELDING MATERIAL ARE AS DESCRIBED HEREIN AND SATISFY THE REQUIREMENTS OF THE APPLICABLE SPECIFICATION.

QC MANAGER

Amal K. Fowdar

KOBELCO WELDING ASIA PACIFIC PTE. LTD.