

INSPECTION CERTIFICATE

Client: SANDE S.A.

Model	Diameter	Lot No.	Weight	Executive Standard	Mfg Date	Date of Issue
E6011	2.5MM	SKA63337	100KGS	AWS 5.1	2024.3.	2024.03.15
Chemical Composition (%)						
Elements	C	S	Mn	P	Si	Hydrogen cm3/100g
Actual Result	0.17	0.017	0.41	0.019	0.19	---
Mechanical Properties						
Items	Tensile Strength	Yield Strength	Elongation	Impact (-30℃)	X Ray	Fillet Weld
Actual Result	470 N/mm2	370 N/mm2	23%	63J	II Passed	Passed
CONCLUSION: This is to certify that the welding electrode is in compliance with AWS A5.1 E6011 standard.						

Issuer:

天津世纪五矿贸易有限公司
TIANJIN MINMETALS CO., LTD.

General manager

INSPECTION CERTIFICATE

Client: SANDE S.A.

Model	Diameter	Lot No.	Weight	Executive Standard	Mfg Date	Date of Issue
E6011	3.2MM	SKA63337	3500KGS	AWS 5.1	2024.3.	2024.03.15
Chemical Composition (%)						
Elements	C	S	Mn	P	Si	Hydrogen cm3/100g
Actual Result	0.18	0.016	0.420	0.020	0.19	---
Mechanical Properties						
Items	Tensile Strength	Yield Strength	Elongation	Impact (-30℃)	X Ray	Fillet Weld
Actual Result	470 N/mm2	370 N/mm2	23%	63J	II Passed	Passed
CONCLUSION: This is to certify that the welding electrode is in compliance with AWS A5.1 E6011 standard.						

Issuer:

天津世纪五矿贸易有限公司
TIANJIN MINMETALS CO., LT

General

INSPECTION CERTIFICATE

Client: SANDE S.A.

Model	Diameter	Lot No.	Weight	Executive Standard	Mfg Date	Date of Issue
E6011	3.2MM	SKA63337	6400KGS	AWS 5.1	2024.3.	2024.03.15
Chemical Composition (%)						
Elements	C	S	Mn	P	Si	Hydrogen cm3/100g
Actual Result	0.18	0.016	0.42	0.020	0.19	---
Mechanical Properties						
Items	Tensile Strength	Yield Strength	Elongation	Impact (-30℃)	X Ray	Fillet Weld
Actual Result	470 N/mm2	370 N/mm2	23%	63J	II Passed	Passed
CONCLUSION: This is to certify that the welding electrode is in compliance with AWS A5.1 E6011 standard.						

Issuer:

天津世纪五矿贸易有限公司
TIANJIN MINMETALS CO., LT.

General manager