



RASI ELECTRODES LIMITED

Chennai - 52.

ISO - 9001:2015 CERTIFIED



BATCH TEST CERTIFICATE

Consumable: SMAW

Product Name	Dimension in mm	Batch No	Date of Testing	B.T.C No	Applicable	
					Specification	Classification
RASI E6013	Ø3.15X350	415	05.11.2021	417	ASME/SFA A5.1	AWS:E6013

Chemical analysis of the weld metal%			Mechanical Properties of the weld metal			Special Properties	
Elements	Test Results	Elements	Test Results	Type of Test	Test Results	Type of Test	Test Results
C	0.06	Cr	NR	Yield Strength N/mm ²	382	Hydrogen in Weld metal ml/100gms	NR
Mn	0.45	Ni	NR	Ultimate Tensile Strength N/mm ²	472	Radiography	satisfactory
Si	0.19	Mo	NR	Elongation% Gauge Length=5d	26	Fillet weld Test	satisfactory
S	0.016	V	NR	CVN Impact Test @ 0°C Joules	87.33	We certify that the supply made against this BTC confirms to all requirements of ASME Section II Part C - 2019 in all respects.	
P	0.022	Cu	NR	Hardness Test On 3 rd Layer HRC	NR		



For RASI ELECTRODES LTD

[Signature]
Manager QA/QC

NR Means " Not Required"
Factory : Upparapalayam Village, Almathi Post, Redhills, Chennai-600052.
Customer care : +91-044-26401822.

Note: The Date Of Manufacturing May Vary.

RE/INS/F11/Rev06