



RASI ELECTRODES LIMITED

Chennai – 52.

ISO - 9001:2015 CERTIFIED

BATCH TEST CERTIFICATE

Consumable: SMAW



Product Name	Dimension in mm	Batch No	Date of Mfg.	B.T.C No	Applicable	
					Specification	Classification
RASI E6013	Ø4.00X450	484	28.10.2024	479	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	0.08	Cr	NR	Yield Strength N/mm ²	397	Hydrogen in Weld metal ml/100gms	NR
Mn	0.47	Ni	NR	Ultimate Tensile Strength N/mm ²	487	Radiography	Satisfactory
Si	0.23	Mo	NR	Elongation % Gauge Length=5d	27.5	Fillet weld Test	Satisfactory
S	0.019	V	NR	CVN Impact Test @ 0°C Joules	73.3	We certify that the supply made against this BTC confirms to all requirements of ASME section II Part C - 2023 in all respects.	
P	0.016	Cu	NR	Hardness Test On 3 rd Layer HRC	NR		
NR Means "Not Required" Factory : Upparalayam Village,Alamathi Post, Redhills,Chennai-600052. Customer care : +91-044-26401822.							



RE/INS/F11/Rev06