



RASI ELECTRODES LIMITED

Chennai - 52.

ISO - 9001:2015 CERTIFIED

BATCH TEST CERTIFICATE



Consumable: SMAW

Product Name	Dimension in mm	Batch No	Mfg. Date	B.T.C No	Applicable	
					Specification	Classification
RASI E7018LH	Ø4.00X450	402	12.09.2024	392	ASME/SFA A5.1	AWS:E7018

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	0.07	Cr	0.010	Yield Strength N/mm ²	481	Hydrogen in Weld metal ml/100gms	Satisfactory
Mn	1.47	Ni	0.009	Ultimate Tensile Strength N/mm ²	576	Radiography	Satisfactory
Si	0.42	Mo	0.005	Elongation% Gauge Length=5d	27.5	Fillet weld Test	Satisfactory
S	0.021	V	0.003	CVN Impact Test @-30°C Joules	134.6	We certify that the supply made against this BTC confirms to all requirements of ASME section II Part C - 2023 in all respects.	
P	0.019	Cu	NR	Hardness Test On 3 rd Layer HRC	NR		
NR Means "Not Required"							
Factory : Upparapalayam Village, Alamathi Post, Redhills, Chennai-600052.							
Customer care : +91-044-26401822.							



RE/INS/F11/Rev06