



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 E7018LH	Ø4.00X450	423	08.11.2021	419	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	Type of Test	Test Results
C	0.06	Cr	0.020	Yield Strength N/mm ²	Hydrogen in Weld metal ml/100gms	3.93
Mn	1.48	Ni	0.018	Ultimate Tensile Strength N/mm ²	Radiography	satisfactory
Si	0.42	Mo	0.007	Elongation% Gauge Length=5d	Fillet weld Test	NR
S	0.018	V	0.005	CVN Impact Test @-30°C Joules	We certify that the supply made against this BTC confirms to all requirements of ASME section II Part C - 2019 in all respects.	
P	0.026	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.

For RASI ELECTRODES LTD

 Manager QA

Note: The Date Of Manufacturing May Vary.

RE/INS/F11/Rev06