



RASI ELECTRODES LIMITED

Chennai - 52.

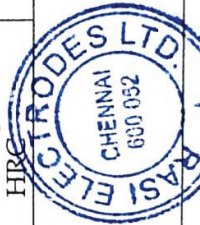

ISO - 9001:2015 CERTIFIED



BATCH TEST CERTIFICATE

Consumable: SMAW

Product Name	Dimension in mm	Batch No	Date of Testing	B.T.C No	Applicable	
					Specification	Classification
RASI E309L-16	Ø3.15X350	409	02.11.2021	406	ASME/SFA A5.4	AWS:E309L-16

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	0.03	Cr	23	Yield Strength N/mm ²	NR	Hydrogen in Weld metal ml/100gms	NR
Mn	1.60	Ni	12.8	Ultimate Tensile Strength N/mm ²	626	Radiography	satisfactory
Si	0.50	Mo	0.07	Elongation% Gauge Length=4xd	37.6	Fillet weld Test	satisfactory
S	0.014	V	NR	CVN Impact Test @-0°C Joules	NR	We certify that the supply made against this BTC conforms to all requirements of ASME section II Part C - 2019 in all respects.	
P	0.024	Cu	0.09	Hardness Test On 3 rd Layer HRC	NR		
NR Means "Not Required"					For RASI ELECTRODES LTD		
Factory : Upperapalayam Village, Alammathi Post, Redhills, Chennai-600052.					 Manager 		
Customer care : +91-044-26401822.					RE/INS/F11/Rev06		

Note: The Date Of Manufacturing May Vary.