



Test certificate

Special wire products (p) Ltd.,
235, Sidco Industrial Estate,
Ambattur, Chennai-600098

Product : STAINLESS STEEL WELDING WIRE
Grade : ER309L
Batch No : S14843
Lot No : JU008
Size : \varnothing 0.80 mm
Quantity : 12.5 kg

Test certificate no : 1569
MFD : 12.07.2021
Email : sales@specialwires.in
Web site : www.specialwire.in

This is to certify that all tests required by the specifications shown for classification were performed, and the material tested met all requirements. It is manufactured and supplied as per the Quality system program of SPL, which meets the requirements of ISO 9001, AWS A5.9/A5.9M 2017, Classification ER - 309L.

CHEMICAL COMPOSITIONS OF WIRES

CHEMICAL COMPOSITIONS	C	Mn	SI	P	S	Cr	Ni	Mo	Cu
SPECIFICATION	0.0 - 0.03	1.00 - 2.5	0.30 - 0.65	0.00 - 0.03	0.00 - 0.03	23.0 - 25.0	12.0 - 14.0	0.00 - 0.75	0.00 - 0.75
ACTUAL	0.026	1.72	0.43	0.026	0.011	23.3	12.48	0.01	0.03
RESULT	OK	OK	OK	OK	OK	OK	OK	OK	OK

MECHANICAL PROPERTIES OF WIRE

MECHANICAL PROPERTIES	Tensile strength [N/mm ²]	Yield Strength [N/mm ²]	Elongation L = 4d %	Charpy V-Notch Impact Values (Average) at °C
SPECIFICATION	520 min	-	30.0 min	-
ACTUAL	590	-	37.0	-
RESULT	OK	-	OK	-

Note :

This documents meets the requirements of ASME SECTION - II, PART - "C" SFA5.9/SFA5.9M. EDITION 2019

Radiographic inspection : Met requirements

Ref No:051/0007

DATE: 22.03.2021

N. 
Quality Assurance

