



Test certificate

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

Product : STAR
AWS/IS Classification : E 6013
Specification : AWS A 5.1 : 2004 / ASME SEC II.C SFA 5.1 : 2010
Batch No : 1955
Size : 4.00x450 MM

Test certificate no : 245
Email : sales@specialwires.in
Web site : www.specialwire.in
MFD : 14-02-2023

The material conforms to the requirements of the latest edition and addenda of ASME SEC II .C SFA 5.1: 2010,E 6013.

CHEMICAL COMPOSITIONS

CHEMICAL COMPOSITIONS	C%	Mn%	Si%	S%	P%
SPECIFICATION	0.12% Max	0.04-0.06%	0.03% Max	0.03% Max	0.03% Max
ACTUAL	0.09	0.05	0.02	0.007	0.006
RESULT	OK	OK	OK	OK	OK

MECHANICAL PROPERTIES

MECHANICAL PROPERTIES	Tensile strength [N/mm ²]	Yield Strength [N/mm ²]	Elongation %	Average impact energy J@-0°C
SPECIFICATION	410-510	330 Min	22Min	50 J Min
ACTUAL	494	467	22	59
RESULT	OK	OK	OK	OK

Note :

Radiographic inspection : Met requirements

Ref No:048/0005

DATE:02.12.19



S. V. J.
Quality Assurance