



Welding Consumable : Statement of Fact

Project: **Supplementary list of Welding consumables**

Client: **MW Wiretec Private Limited, Bhiwadi plant, India**

Office: **Mumbai**

Client's Order Number: --

Date: **07 June 2025**

Order Status: **Complete**

Inspection Dates

First: **07 March 2025**

Final: **28 May 2025**

This statement is issued to **MW Wiretec Private Limited, Bhiwadi plant, India** to certify that the undernoted welding consumable is recommended for entry in the supplementary list of certified welding consumables in accordance with ASME Section II Part C, SFA 5.20, E71T-1C specification of the year 2023. This statement is issued on the basis of satisfactory test results on the test coupons prepared on 07/03/2025 and subsequently tested on 28/05/2025. Welding consumables is manufactured by MW Wiretec Private Limited, Bhiwadi plant, India.

Description:-

Consumable Name : MW CORETEC/CO2

Size : 1.20 mm

SFA Classification : SFA 5.20 E 71T-1C

Welding Process : Flux-Cored Wire / Gas Shield (FCAW)

Result of the Test :

Size	1.20mm
0.2%Proof Stress (Min.: 390 MPa)	483
UTS (MPa) (490-670 MPa)	539
% Elongation (Min. 22%)	26
Hydrogen test	Not Required
Chemical	Acceptable
Radiography	Acceptable
Fillet (V, OH)	Acceptable
Charpy V notch Impact test at -20 Deg C. Acceptable value: 27J average and 20J individual	
1	34*
2	62
3	70
4	38
5	84*
Average value (J)	57

Note: ' * ' - Indicates highest and lowest discarded values.

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.

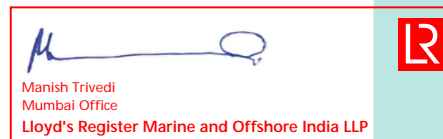
Chemical Analysis – Size 1.2 mm

	% C	% Cr	% Ni	% Mo	% Mn	% Si	% P	% S	% Cu	%V
Range	0.12 Max	0.20Max	0.50Max	0.30 Mx	1.75Max	0.90 Max	0.03Max	0.03Max	0.35Max	0.08 Max
Result	0.034	0.028	0.005	0.005	1.36	0.657	0.016	.0008	0.011	0.018

Refer Radiography Report No. 0325/27C results found acceptable.

The works of the above manufacturer were inspected at the location stated and found in satisfactory order. The process of manufacture including supervision, quality control and record keeping were of adequate standard and storage conditions and facilities were found to be satisfactory as well.

Statement is Valid until 27 April 2026.



Manish Trivedi
Surveyor to Lloyd's Register Marine and Offshore India LLP

a member of the Lloyd's Register group.

