



Welding Consumable : Statement of Fact

Project: **Supplementary list of Certified Welding consumables**

Client: **SENIOR METALS PRIVATE LIMITED**

Office: **Mumbai**

Client's Order Number: **--**

Date: **26 December 2025**

Order Status: **Complete**

Inspection Dates

First: **09 January 2024**

Final: **22 April 2024**

This statement is issued to **Senior Metals Private Limited, Jamnagar 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 5.7, specification of the year 2021. This statement is issued on the basis of satisfactory test results on the test coupons prepared on 09/01/2024 and subsequently tested on 22/04/2024. Welding consumables is manufactured by Senior Metals Private Limited, Jamnagar plant, India.

Description:-

Consumable Name : SM55

Size in mm : 1.60,2.00, 2.40, 2.50,3.20,4.00 (GTAW) & 1.0,1.2,1.6 (GMAW)

AWS Classification : SFA 5.7 ERCuNiAl

Result of the Test :

Chemical Analysis: 1.20 mm (GMAW)

	% Si	% Al	% Fe	% Pb	% Zn	% Ni including Co	% Mn
Range	0.10 Max	8.50 – 9.50	3.00 – 5.00	0.02 Max	0.10 Max	4.00 – 5.50	0.60 – 3.50
Results	0.087	8.801	3.306	0.002	0.081	4.313	1.381

	% Cu including Ag	% Other Elements
Range	Remainder	0.50 Max
Results	81.950	0.079



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Result of the Test :

Chemical Analysis : 3.20 mm (GTAW)

	% Si	% Al	% Fe	% Pb	% Zn	% Ni including Co	% Mn
Range	0.10 Max	8.50 – 9.50	3.00 – 5.00	0.02 Max	0.10 Max	4.00 – 5.50	0.60 – 3.50
Results	0.097	8.789	3.353	<0.001	0.096	4.306	1.652

	% Cu including Ag	% Other Elements
Range	Remainder	0.50 Max
Results	81.632	0.074

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




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