



Welding Consumable: Approval Certificate

Office: **Mumbai-Port**

Date: **18 May 2016**

This Certificate is issued to **Senor Metals Pvt. Ltd.**, to certify that the undernoted welding consumable is recommended for entry in the supplementary list of certified welding consumable in accordance with AWS A5.7/A5.7M, specification of the year 2007. This certificate is issued on the basis of satisfactory test results on the test coupons prepared on 1 March 2016 and subsequently tested on 14 March 2016. Welding consumable is manufactured by Senor Metals Pvt. Ltd, Jamnagar, India

Description:

Consumable name : SM 52
Size : 2.50 mm
SFA Classification : AWS A5.7 Gr. ER Cu Al A2

Results of test

	2.50mm
0.2% Proof stress	Not Required
UTS	Not Required
% Elongation	Not Required
Impact at -50deg C	Not Required
Chemical	Acceptable
Radiography	Not Required
Fillet(H,V, OH)	Not Required

Chemical Analysis- Size: 2.50mm

	Cu + Ag	Zn	Pb	Fe	Al	Other	Si
	%	%	%	%	%	%	%
Range	Remaining	0.02 max	0.02 max	1.5 max	8.5-11.0	0.50 max	0.10 max
Result	Remaining	<0.010	<0.001	0.92	9.59	0.10	0.012

Certificate is valid until 13 March 2017.



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