Certificate no: Page 1 of 1 BOM 1500281/18/A1



## 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 42

Size

: 2.50 mm

SFA Classification

AWS A5.7 Gr. ER Cu Sn C

Results of test

11050115 01 1051	1.5		
	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	Sn	Zn	Pb	Fe	Al	Other
	%	%	%	%	%	%	%
Range	Remaining	7.0-9.0	0.20 max	0.02 max	0.10 max	0.010 max	0.50
Result	Remaining	8.14	<0.010	<0.001	<0.010	<0.010	0.010

	P	
	%	
Range	0.10-0.35	
Result	0.23	

Certificate is valid until 13 March 2017.



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