



# Indian Register of Shipping

Port: KANDLA  
Date: 18.04.2017  
Report No: KND17W001

This is to certify that at the request of **M/S. SENOR METALS PVT. LTD., Plot No-353, GIDC-II, Dared, JAMNAGAR-361004, Gujarat** the undersigned surveyor to this society attended their works on **12.12.2016** and subsequently for the purpose of Approval & testing as according to AWS standards. The test coupon of each welding consumable prepared and tested.

Following welding consumables certified:

(A) Copper and Copper wire **SM 01** as described below, manufactured as per **ASME SECTION II SECTION C, EDITION 2015**

### DESCRIPTION:

NAME OF MANUFACTURE	: M/S. SENOR METALS PVT. LTD.
TYPE OF WIRE	: Copper and Copper Filler Wire
BRAND NAME	: SM 01 ( ERCu )
AWS CLASS	: SFA 5.7 ERCu
SIZE ( mm )	: Ø 0.80 to Ø 5.0 mm

Visual Inspection carried out and reviewed chemical analysis report with satisfactory results.

Descriptions of results are as follows:

Required test as per ASME SECTION II PART "C" EDITION- 2015, SFA 5.7  
Chemical Analysis:

Wire Size (MM)	%Cu	%Zn	%Sn	%Mn	%Fe	%Si	%Ni	%P	%Al	%Pb	%Ti
Req. Value	98.0 Min	-	1.0	0.50	-	0.50	-	0.15	0.01	0.02	-
Dia 2.50 mm	98.4	-	0.892	0.180	-	0.292	-	0.033	0.002	0.001	-



*S. K. Sijaniya*  
(S.K. Sijaniya)