



# Indian Register of Shipping

Port: KANDLA  
Date: 18.04.2017  
Report No: KND17W001

(I) Copper and Copper wire **SM 51** 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 51 ( ERCuAl – A1 )  
AWS CLASS :SFA 5.7 ERCuAl – A1  
SIZE ( mm ) :Ø 0.80 to Ø 5.0 mm

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

Description of results 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	REM	0.20	-	0.50	-	0.10	-	-	6.0-8.5	0.02	-
Dia 2.50 mm	REM	0.022	-	0.34	-	0.048	-	-	8.08	0.009	-



*S. K. Sijariya*  
(S.K. Sijariya)