



# Indian Register of Shipping

Port: KANDLA  
Date: 18.04.2017  
Report No: KND17W001

(E) Copper and Copper wire **SM 23** 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 23 ( ERCuNi )  
AWS CLASS :SFA 5.7 ERCuNi  
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	-	0.01 min	1.0	0.40-0.75	0.25	29.0-32.0	0.02	-	0.02	0.20-0.50
Dia2.50 mm	REM	-	0.009	0.59	0.50	0.20	29.99	0.033	-	0.006	0.40



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