



# Indian Register of Shipping

Port: KANDLA  
Date: 18.04.2017  
Report No: KND17W001

(J) Copper and Copper wire **SM 52** 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 52 ( ERCuAl – A2 )  
AWS CLASS : SFA 5.7 ERCuAl – A2  
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  | -   | -   | 1.5  | 0.10  | -   | -  | 8.5-11.0 | 0.02  | -   |
| Dia 2.50 mm    | REM | 0.010 | -   | -   | 0.96 | 0.063 | -   | -  | 9.41     | 0.014 | -   |



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