

Technical Specification/Compliance sheet
Item: Gold copper braze alloys

Sl No	Material	Sheet/Wire	size	Qty Required (in gms)	Complied Yes/No
1	Au-Cu (35-65)	Wire	0.015" dia x 100 mtrs long	125	
2	Au-Cu (35-65)	Wire	0.02" dia x 100 mtrs long	220	
3	Au-Cu (35-65)	Wire	0.025" dia x 100 mtrs long	350	
4	Au cu(50-50)	wire	0.03" dia x 100 mtrs long	740	
5	Au-Cu (35-65)	Sheet	0.003"thick x 5"width x 20 mtrs long	2660	
6	Au Cu (50-50)	Sheet	0.003"thick x 5"width x 20 mtrs long	2900	

1	Standard : For the details not otherwise specified herein, the braze material should conform ASTM F106-06 standard or equivalent.											
2	Chemical Composition : The braze material should conform chemical requirements as per ASTM F106-06, Table 2 for Grade1 material. The Permissible impurities in wt % for vacuum grade filler metals are given below. <table><tr><td>Zn</td><td>Cd</td><td>Pb</td><td>P</td><td>C</td></tr><tr><td>0.001</td><td>0.001</td><td>0.002</td><td>0.002</td><td>0.005</td></tr></table> Surface Quality : All finished material shall be reasonably smooth and bright and free from dirt, oil, grease, or other foreign material. All vacuum grade filler metals are considered to be spatter free.	Zn	Cd	Pb	P	C	0.001	0.001	0.002	0.002	0.005	
Zn	Cd	Pb	P	C								
0.001	0.001	0.002	0.002	0.005								
3	Packaging and Marking : Packaging: The material shall be packed with suitable protective material and sealed in wooden boxes and in such a manner so as to prevent damage and contamination during shipment.											
4	Marking : Each Package should label indicating : Purchase Order Number AWS classification number, Lot Number and Temper Condition Product Number and Manufacturer Identification ASTM Specification Number											
5	Test Certificate : A certified test report shall be supplied for each lot. The report shall include purchase order number, lot or heat number, material temper and quantity of items covered in shipment. The test reports should include : (a) Chemical Composition (Results of Chemical Analysis) (b) Melting test(as per ASTM F106-06 section 10)											
6	Rejection : Product that fails to conform to the specification requirements when tested by the purchaser may be rejected.											
7	It is required to intimate source/manufacturer of the materials along with the data sheets of the material properties to ensure its quality and standard at the time of tendering.											

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8	It is mandatory to provide material Test Certificate/Report (COC-Certificate of Compliance) from the original material manufacturer and other relevant material details with the dispatch of the materials. If this involves extra cost, kindly mention separately.	
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It is mandatory for the vendor to fill the last column of this technical specification compliance sheet duly signed and authenticated with company seal while uploading the tender documents.

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