

# Manufacturing Technology & Testing/ Inspection Facility for Manganese Copper Master Alloy

## SPECIFICATION:

ITEM CODE	0780200000
ITEM	MANGANESE COPPER MASTER ALLOY
SPECIFICATION	MANGANESE COPPER MASTER ALLOY. IS: 5743-1991. ALLOY DESIGNATION Cu.Mn.30.IN THE FORM OF NOTCHED INGOTS PACKED IN WOODEN CASES WEIGHING NOT MORE THAN 50kg. MARKING ON EACH INGOT STRICTLY AS PER IS 5743 CLAUSE 7.2. CHECK ANALYSIS FOR EVERY 500 KG LOT TO BE SUPPLIED.
END USE	AS ADDITIVE IN COPPER NICKEL ALLOY PRODUCTION.
SOURCE	TRADE

## ACCEPTANCE CRITERIA:

S.No.	CHARACTERISTICS	SPECIFICATION REQUIREMENT
1	SPECIFICATION	MANGANESE COPPER MASTER ALLOY. IS:5743-1991. ALLOY DESIGNATION Cu.Mn.30.IN THE FORM OF NOTCHED INGOTS PACKED IN WOODEN CASES WEIGHING NOT MORE THAN 50kg. MARKING ON EACH INGOT STRICTLY AS PER IS 5743 CLAUSE 7.2. CHECK ANALYSIS FOR EVERY 500 KG LOT TO BE SUPPLIED .
2	TEST CERTIFICATE(TC)	For Material Composition or Specification, Test Certificate to be provided from <del>competent authority like</del> NABL Accredited Lab. <i>Kanti</i>

## INSPECTION CRITERIA:

S.No.	CHARACTERISTICS	SPECIFICATION REQUIREMENT
1	INSPECTION	Inspection Checks to be carried out at O.F. Kanti.
2	DOCUMENT VARIFICATION	Documents and TC.

**MANUFACTURING TECHNOLOGY:** Foundry Shop facility consist of melting furnaces, Casting facility, Fettling and machining & milling facility etc.

**TESTING:** Testing facility for various operations and parameters.

PRACTICAL TRIAL	Practical trail shall be taken by the concerned user section of O.F. Kanti to assess the material suitability for its intended use. For practical trial 10 heats will be taken from this master alloy. Supplier can witness/ accompany practical trial if, he desire.
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DO/MP

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HOS/MP

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DO/QC

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HOS/QASI