

# KIOCL LIMITED

## MATERIALS DEPARTMENT, BANGALORE.

### PROCEDURE FOR TESTING OF CALIBRATED IRON ORE LUMPS SAMPLE

Calibrated Iron Ore Lumps of size 10-40 mm is used in Blast Furnace Unit (BFU) for production of pig iron. The procedure for testing of representative sample supplied by interested prospective suppliers / bidders (in case of tenders) shall be as under:

#### 2.0 Testing:

The calibrated iron ore lumps suppliers are required to send a representative sample of 300 Kgs to Blast Furnace Unit Lab as a trial sample and get clearance from Blast Furnace Unit Lab (initial starting only) before starting dispatch.

Analysis carried at KIOCL Ltd Lab is final for all parameters. The analysis will be carried out at KIOCL on every lot of 500 MT if it is transported by trucks and for every rake (3000-3500 MT) if it is transported by rakes. The standard followed for analysis is as per IS 1493. The Tumbler test will be carried at KIOCL Pellet Plant Lab as per ASTM standards.

Size Analysis: The size analysis will be done for a lot of 500 MT. In abnormal cases, KIOCL Ltd, reserves the right to check size analysis on truck to truck basis and if found unsuitable, send the truck without unloading.

#### Note:

- i) Representative sample of 300 Kgs to Blast Furnace Unit, Mangalore laboratory supplied by suppliers will be on free of charge basis only.
- ii) All samples for testing to be sent directly to Blast Furnace Unit Process Control Lab at Mangalore through a letter addressed to the In-Charge, Production, Blast Furnace Unit, KIOCL Limited, Panambur, Mangalore-575 010 with a copy to In-Charge, Process Control Department, Blast Furnace Unit, Mangalore and Head of the Materials Department, KIOCL Limited, II Block, Koramangala, Bangalore –560 034.