**[CALIBRATION OF CAST IRON WEIGHTS](D:\\d drive\\Paresh\\BF1 173 m3 After Relining\\WI & HIRA\\Temporary Internet Files\\Content.IE5\\M3  MASTER LIST WORK INST Inst..doc)**

**Objective**: To check accuracy of C.I. weight

**Scope**: This procedure is applicable to check the accuracy of all CI weight used for the

Calibration of bins.

**Reference**: **SP/44-H** & **RISK/INST/17**

**Performance Criteria** : Accuracy of CI weight

**Aspect for the Activity** : Waste generation

**Identification of Hazards:**

**Mechanical:** Impact of falling of C.I weights, Impact due to trapping of fingers under C.I Weight, Dust, Trip & fall.

**Chemical:** Dust, Graphite.

**Ergonomics:** Insufficient work practices

**Hazard due to Human Behavior/Human error:** Not adhering to WI/ PPE, Alcoholism , Use on non-certified tools/equipment.

## Responsibility: Sr. Engineer Instrumentation/Associate / Inst Technician

1. **CALIBRATION OF C.I WEIGHT**

**Frequency: -Once in 2 Years.**

**Procedure**:

All Engineers/Technicians should follow this procedure whilst checking accuracy Of C.I. weight. Care should be taken to avoid falling of weights.

1. Use hand gloves while shifting the weight.
2. Put one 20 kg standard C.I. weight on digital weigh scale.
3. Adjust reading to 20.00 kg.
4. Take out the standard C.I. weight from the weigh scale.
5. Put test weights on the weigh scale.
6. Put the Sr. No and the corresponding weight value on the CI weight.

**Amendement Record**

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| **Date** | **Manual Section Ref. & Para** | **Brief details of Revision** | **New Rev.** |
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| **Prepared By:**  Head Instrumentation PID1 | **Reviewed & Issued By:**  Management Representative | **Approved By:**  Head – Electrical & Instrumentation PID1 |
| **Signature:** | **Signature:** | **Signature:** |
| **Review Date:** 13.09.2023 | **Review Date:** 13.09.2023 | **Review Date:** 13.09.2023 |
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