**WORKING ON ONLINE PYROMETER**

**Objective**: To ensure proper working of online pyrometer in BF1/BF2.

**Scope**: This procedure is applicable for checking and working with non-contact type online pyrometer in BF1 and BF2

**Reference:** Operating manual of pyrometer

**Performance Criteria** : Accuracy of temperature measurement

**Reference: RISK/INST/24**

**Aspect for the Activity** : Waste generation

**Identification of Hazards:**

**Physical:** Contact with hot metal& slag, Fall of Person, Impact with mud gun, Hose pipe bursting, puncture & fire, Noise

**Mechanical:** Trip & Fall

**Chemical:** CO Gas poisoning, 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/Instrumentation Technician

**Procedure**

All Engineers/Technicians should follow procedure whilst working on the pyrometer.

Care should be taken not to come in contact with the high temperature areas. Use heat resistance hand gloves if required.

1. Don’t use gum boots while working in cast house area, take clearance from cast house in charge for checking the pyrometer.
2. Inspect the spot location for any blockage. The hot metal should be clearly visible to pyrometer.
3. Check the spot is at correct point from pyrometer. If not adjust and fix.
4. Check for water and air flow to pyrometer.

**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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