**WORKING ON CRANE WEIGHING SYSTEM**

**Objective**: To ensure proper working of Crane weighing System

**Scope**: This procedure is applicable for checking and working with crane weighing system LDC Baghouse, BF1 & BF2 HMC.

**Reference:** Operating manual of Crane weighing system

**Reference: RISK/INST/17**

**Performance Criteria** : Accuracy of Weight measurement

**Aspect for the Activity** : Waste generation

**Identification of Hazards:** Contact with hot metal, Impact with Crane Operation, Non use of PPE &WI, Improper housekeeping, Alcoholism, CO poisoning, Graphite, Dust, Trip & Fall, Electrical Shock, Impact with Structure, Fall from height.

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

**Procedure**

All Engineers/Technicians should follow procedure while working on the Crane weighing System.

Care should be taken that No Person should go on crane while in Operation also always use staircase near the Boundary wall or LDC Side while going on crane & while coming down.

1. Inform PCM In charge & Crane operator about the work to be carried out on crane weighing system.
2. Inform the crane operator to park the Crane at one position (next to platform).
3. Switch OFF the wireless Remote and take custody of the wireless remote while going on crane.
4. Check the Indicator/Load cell Connection and wireless antenna and correct accordingly.
5. Check for Cables condition and correct accordingly.
6. Once the Job is over, handover the remote to crane operator for operation.

**Amendement Record**

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| **Date** | **Manual Section Ref. & Para** | **Brief details of Revision** | **New Rev.** |
| 13.09.2023 | SCOPE | Added BF1 & BF2 HMC SYSTEM | 01 |
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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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