

	VEDANTA LIMITED – VALUE ADDED BUSINESS	Document No:	VL/IMS/PID1/INST/WI/09
	INTEGRATED MANAGEMENT SYSTEM	Revision Date:	05/01/2022
	Work Instructions for Checking of limit Switches mounted on All Weighing Bins & Coke Gates	Revision No: Page No.:	06 1 of 1

CHECKING OF LIMIT SWITCHES/PROXIMITY SWITCHES MOUNTED ON ALL WEIGHING BINS & COKE GATES

Objective: To check the limit switches/Proximity Switches mounted on the Weighing bins & coke gates.

Scope: This procedure is applicable to limit switches/Proximity Switches mounted on the Weighing Bins & Coke gates.

Reference: Limit Switch & Proximity switches Manual

Performance Criteria: Operation of limit switches/Proximity Switches of all weigh bins

Aspect for the Activity : Waste generation

Identification of Hazards:

Mechanical: Trapping between belts, trapping between gates, falling, Entanglement

Chemical: Dust, Graphite

Hazard due to Human Behaviour/Human error: Not adhering to WI/ PPE, Alcoholism, starting job without informing control room, Carrying job impatiently, improper communication, Use on non-certified tools/equipment.

Refer: RISK /INST/06 & RISK /INST/17

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

PROCEDURE:

CHECKING OF WEIGHING BIN & COKE GATE LIMIT SWITCHES

1. Before carrying out work on limit switches/Proximity Switches of weighing bins/coke gates mounted over conveyors, inform production to take system in manual and put respective belt off.
2. Ensure the belt is stopped by pulling pull cord.
3. For carrying out work on limit switches mounted over CB5 conveyors inform production for clearance to Stop CB5 belt.
4. Keep communication between control room and 27mtr level.
5. After belts are stopped carry out work on the limit switches/Proximity Switches.
6. Ensure that there is no gap between gates when it is in closed condition so that material doesn't fall on belt when gate is close & correct weighment can be done.
7. Reset pull cord arrangement of particular belt and normalize belt operation.
8. Inform production after the work has been carried out and give clearance.

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Date: 05/01/2022	Date: 05/01/2022	Date: 05/01/2022