**WORK INSTRUCTIONS for DRAWING A BELT CUT ORE SAMPLE FOR SIEVE ANALYSIS, FROM THE SIZER PLANT TROLLEY BELT**

**Responsibility:** Raw material in charge

**IDENTIFIED HAZARDS**: -

Mechanical Hazard-

1) Fall of person,

2) Entanglement

3) Trapping impact

Chemical Hazard-

1) Dust

Physical Hazard:

1) Electric shock

2) Noise

Human Behavior:

1) Not following the Work Instructions, procedures

2) Nonuse of PPE

3) Alcoholism

4) Wearing loose clothes

**Significant Aspects:**

1. Generation of dust.

**PROCEDURE**

Ensure that people working in the area should wear Helmet, dust mask, hand gloves, ear plugs and safety googles.

1. Unauthorized operation or repair of any equipment is a punishable offence

When a particular type of ore which is moving on the trolley belt has to be sampled, stop the trolley belt by activating a pull chord running alongside it’s length.

2. Ensure that the belt has stopped running and come to a halt

3. Select a half meter section of the loaded belt, and with the help of a scoop, collect all the ore (including fines) from that particular portion of the belt, and fill it in a gunny bag.

4. After drawing the sample and ensuring that all men and material is away from the belt, it is the responsibility of R/M staff to deactivate the pull chord by releasing it, restart the belt and normalize the operation.

5. A tag, with all needed identification, must be placed inside the bag there and then, to avoid any mix up.

6. Together with the other samples, this sample must be sent to the lab using the wheel loader for analyzing.

7. Acknowledge, in writing, the receipt of every sample at the lab.

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| **Prepared By:**  Head – Production PID I | **Reviewed & Issued By:**  Management Representative | **Approved By:**  Head – Pig Iron Division |
| **Signature:** | **Signature:** | **Signature:** |
| **Date: 10.07.2023** | **Date: 10.07.2023** | **Date: 10.07.2023** |

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