**WORK INSTRUCTIONS FOR\_** **WORKING ON OXYGEN LINE (BF1 & BF2)**

**Responsibility: SS/Furnace Incharge/foreman/Mechanical Engineer**

**PROCEDURE FOR WORKING ON OXYGEN LINE**

**Identified Hazards:**

1. Fire & Explosion in the Oxygen line
2. Non use of PPE
3. Inadequate local lighting
4. Human behavior -Smoking

**Significant Aspect:**

1. Fire & Explosion
2. Gas leakage

**Procedure:**

1. Unauthorized operation or repair of any equipment is a punishable offence.
2. Use of all required PPE While performing the task
3. Hose should be cut only after disconnecting from oxygen pipe so that it gets purged with air.
4. New hose to be procured with one side threaded joint and other side plain for easy removal.
5. Hose should be kept on stand, immediately after use.
6. Ensure the temperature of the hose is ambient before any cutting action.
7. Ensure that all the valves, provided in the O2 line, are closed properly before disconnecting the hose.
8. In case of any hot work in the O2 line, O2 trolley to be disconnected from main line.
9. Any inspection or maintenance job in the O2 line to be carried out with proper work permit.

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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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