**Work Instruction for operation of Combustion air flushing for ceramic burner**

**Criteria:** Quality,

**Criteria: Safe operation of valves, safe working practices in that area**

**CA line flushing**

**Identified Hazards:**

1. Falling of a person while climbing in monkey ladder
2. Contact with hot stoves
3. Contact with hot valves
4. Exposure to Combustion air with pressure
5. Exposure to Gas prone area
6. Valve deformation due to high temperature

**Human Hazards:**

1. Non-Use of PPE’s
2. Nonadherence to work instructions
3. Touching of Hot valve with bare hands

**Significant impact**

1. Noise pollution
2. Heat generation

**Responsibility: HBS Engineer**

**Procedure for operating the valve**

1. Unauthorized operation or repair of any equipment is punishable offence
2. At least two persons should enter along with CO monitor
3. Ensure people working in the area wearing hand gloves, ear plugs and other PPE, s
4. Ensure that the stove is in on blast condition while operating the valve.
5. Ensure Safe climbing of monkey ladder
6. While opening the valve ensure that the person stands beside the valve and not in front of it
7. Open the valve for 4 sec and close it again
8. Repeat the same for 3 to 4 times
9. Ensure that there is no water coming out of it
10. Check for any leakage of compressed air after closing the valve

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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: 15.07.2022** | **Date: 15.07.2022** | **Date: 15.07.2022** |

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