**WORK INSTRUCTIONS FOR** **DISPOSAL OF USED POKING RODS/LANCING PIPES IN LADLE**

**Responsibility: Furnace In charge /Foreman/Sr.Tap hole operator**

**Identified Hazards:**

1. Contact with hot poking rod/lancing pipe

2. Injury due to sharp edges

**3.**Contact with Hot metal/slag

4. Fire and explosion

5. Splashing of liquid hot metal from runner while putting of cold rods & lancing pipes

**Human Hazards**

1. Nonuse PPE and WI

**Significant Aspect:**

1. Explosion due to wet pipes

**Procedure:**

1. Person involved in activity should wear all PPE viz.Helmet, safety shoe, goggle, hand glove etc.
2. Ensure that the metal condition is good before adding rods/pipes to ladle before adding used lancing pipes/rods to ladle ensure these are of size less than 2mtr. To avoid protruding out.
3. Ensure that the used rods/pipes are placed in empty hot ladle, this is to evaporate moisture and to avoid explosion.
4. Ensure that the ladle is empty before adding lancing pipes to ladle.
5. Adding lacing pipes/ rods to be done judiciously to avoid floating on top.
6. GI pipes should be disposed in Ladle only.
7. If any cast opening problems are there, disposing of rods, lancing pipes to be avoided.

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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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