



OCCUPATIONAL SAFETY & HEALTH

Safety Standard-015 Boiler Openings

I. PURPOSE

The purpose of this Standard is to ensure that the Coosa Pines Mill establishes a system to mitigate risks to personnel and/or reduce the chance of an incident occurring while performing activities at Boiler openings. This risk reduction is accomplished by ensuring that employees required to work in the area understand the potential hazards and follow guidelines to eliminate these hazards.

This standard and its requirements would also apply to contractors doing work at Boiler Openings at the Coosa Pines Mill.

II. SCOPE

All employees of the Coosa Pines Mill and any contractors working at the Coosa Pines Mill are included in the scope of the standard.

III. ADMINISTRATIVE DUTIES

The Safety Manager or designee is responsible for oversight of this policy and applicable procedures. A copy of the standard must be reviewed by employees of the Coosa Pines Mill or contractors who will perform work near the Boiler openings. Implementation of this policy and applicable procedures is the responsibility of the site General Manager.

IV. RESPONSIBILITIES

All employees and contractors at the Coosa Pines Mill required to perform activities near the Boiler openings understand and embrace the requirements of this standard and assure 100% compliance and accept accountability for following the guidelines set out in this standard. Employees and contractors are to notify supervision of any non-conformances regarding this standard and report all hazards and potential hazards immediately.

Supervision must ensure that all individuals required to perform tasks near the boiler openings are properly trained to do so and ensure that all authorized employees and contractors have the appropriate training and have reviewed and understand the requirements of this standard.

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V. REQUIREMENTS AND PRACTICES

1. The standard applies to the following tasks:

- a) Rodding out liquor gun ports.
- b) Adding or changing liquor guns.
- c) Rodding out any air port (Primary, Secondary, Tertiary).
- d) Any work on the Smelt Spout Deck.
- e) Any work near a boiler opening.

2. PPE required:

- a) Carbon X suit (bib overalls and jacket with hood). Hood must be on head.
- b) Salisbury hard hat with face shield (arc flash rated orange hat with green tinted face shield)
- c) Goggles
- d) Leather cut-resistant gloves
- e) Hearing protection
- f) Escape respirator
- g) 8-inch steel-toed shoes

3. Physical Barriers:

- a) Physical barriers at present at all boiler openings to protect personnel around the boiler from blow-back.
 - Movable metal barriers approximately 6 feet from boiler wall are located at all liquor gun openings.
 - A fire resistant barrier is located at the end of the smelt spout deck to protect personnel using the walkway adjacent to the smelt spout deck at the far end away from the boiler (approximately 15 feet from smelt openings). The barrier shall be maintained in good condition and at a safe height for full protection of personnel.
- b) With barriers erected, any work inside the barriers requires the elevated PPE noted above).



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VI. DOCUMENTATION/RECORDS

1. Documentation
 - a) The Safety Manager will maintain the original standard and any subsequent revisions with the latest version of this standard accessible through the Coosa Portal and the Coosa Contractors Website.
 - b) Supervision is responsible to ensure documentation of review of this standard by all employees and contractors required to perform tasks at the Boiler openings utilizing the Learning Management System (LMS).
 - c) Area Operations Coordinator to notify Safety Manager of necessary revisions to this standard.

2. Records
 - a) The Safety Manager is responsible for maintaining all applicable records per document control procedures.

VII. RECORD OF REVISIONS

Revision No.	Date	Description of Revision
0	06/16/2016	Original Issue
1	09/11/2019	Periodic review. Updated V.3. Physical Barriers.

ISSUED BY:  Safety Manager Coosa Pines Mill	APPROVED BY:  General Manager Coosa Pines Mill
<u>9-13-19</u> DATE	<u>9-13-19</u> DATE