

Parham, Greg



From: Munsell, Peggy
To: Ortega, Arturo
Cc: Parham, Greg; Castor, Larry; Jones, Steve
Subject: Mastic Removal
Date: Friday, October 25, 1996 4:30PM
Priority: High

I have sent a bulk sample off, this date, to Sun City Analytical. Samples were taken of;
1. Mineral Wool debris left at the waste heat boiler site.
2. Black Mastic on the flue to waste heat boiler.

Based on my observation of the black mastic not containing cloth nor mud as a binder, it probably does not contain asbestos. The sample should be back Monday for verification.

I would like to have the material cleaned up at the waste heat boiler site. Because it is falling off on the one side, it would be to our interest to remove that section for housekeeping purposes. The insulator shall take precautions and follow asbestos procedures because verification of the material has not been received.

The following procedures should be adhered to based on consultant requirements for removal.

Materials which contain non-friable black mastic.

1. Set up barrier tape and warning signs.
2. Place plastic strategically so that material will remain within the staging area. Should a manlift be used, containment can be established with the confines of the basket.
3. Use wet methods to remove material.
4. Hepa vacuum should be used for cleanup and employee decontamination procedures. Employees shall wear double tyvex suites, removing outer contaminated clothing at the site. Employee shall shower following ASARCO procedures.
5. Dispose of PACM and contaminated protective clothing in accordance with regulations.

Materials which contain non-friable mastic with mud binder.

1. Set up barrier tape and warning signs.
2. Mini-containment/full containment depending on the size of the project. Glove bags may be utilized where suitable for the job.
3. Run hepa vacuum hose into containment for negative pressure.
4. Use wet methods to remove material.
5. Hepa vacuum should be used for cleanup and employee decontamination procedures. Employees shall wear double tyvex suites, removing outer contaminated clothing at the site. Employee shall shower following ASARCO procedures.
6. Dispose of PACM and contaminated protective clothing in accordance with regulations.

Proposed Priority List:

1. Waste Heat Boiler Flue
2. Elbows on flues removed from AP#1.
3. O&M on the lead flue stack.
4. Dome on cold heat exchanger.
5. No. and So. Venturi (These should be removed and placed in the staging area with the stacks from the dross reverb flue). Tape the area with asbestos warning tape. Should material become disturbed in the moving process, it should be repaired until removal takes place.

Please have signs made for the converter boiler stair accesses. The sign that was on the lower section of the boiler, first level off the ground, is missing. Please replace with a pre-made label that Mike Romero has a roll of.

The signs that are to be placed at each stair access shall be white with red lettering and shall read:

DANGER

**ASBESTOS FIBERS ARE FOUND IN INSULATING APPLICATIONS IN THIS AREA
AND SHOULD NOT BE DISTURBED EXCEPT BY AUTHORIZED PERSONNEL.
ASBESTOS IS A CANCER AND LUNG DISEASE HAZARD.
AVOID CREATING DUST.**