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To: Department Heads, JGR, JVU, GAM

From: B. L. Trego
Date: April 21, 1992

Interoffice
Communication

Subject: **BREATHING AIR O₂ TESTING**

VISTA

Effective April 27, 1992, all breathing air cylinders and trailers will be tested for oxygen content.

All breathing air entering the plant, whether it is Vista's or a contractor's, will be tested for oxygen content by the Safety Department. These tests will be performed and documented as follows:

1. When deliveries of breathing air arrive, or when contractors arrive on site with their own breathing air, the Safety Inspector will inspect each container for vendor certification, i.e., a tag or sticker from the vendor.
2. The actual testing will be performed in the following manner:
 - a. Remove the cylinder cap (not applicable on trailers).
 - b. Turn on the Industrial Scientific OX231 oxygen monitor and assure that it is calibrated with ambient air.
 - c. Take a sample of air from the cylinder in a plastic sample bag.
 - d. Place the probe from the oxygen monitor into the plastic sample bag and allow it to run for approximately thirty seconds to assure a sufficient sample has passed through the system.
 - e. Note the oxygen content from the meter on the Breathing Air Test Sheet. The acceptable range is 19.5% to 23%.

DEPARTMENT HEADS, JGR, JVu, GAM
4/21/92
Breathing Air O₂ Testing
Page 2

- f. Fill out the remainder of the Breathing Air Test Sheet to include the container serial number, date and Safety Inspector's initials.
- g. Place a tag on the regulator with the statement, "O₂ OKAY" and tester's initials.

or

A "DANGER - DO NOT OPERATE" tag and date and initials.

- h. Replace the cylinder cap (when applicable).
 - i. Have bad cylinder picked up by vendor as soon as possible. Do not allow contractor use of bad containers.
 - j. Acceptable cylinders are ready for use.
3. Each Breathing Air Test Sheet will be kept in the emergency equipment building until the sheet is full. It will then be filed in the Safety Inspector's office files.
4. It will be a violation of Vista Safety Policy to use a cylinder or tank of breathing air which is tagged with a "DANGER" tag or not tagged at all.

If you have any questions on this requirement, please contact me at extension 3618.



B. L. Trego
Safety Director

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cc: RWS, DCS

