**Recommendations to Prevent Recurrence:**

- Pressure-sensitive body bars shall be installed front/back of each rubber mill having a 46-inch roll height or over and shall operate readily by pressure of the mill operator’s body. The bars shall be installed approximately 40-inches vertically above the working level and 20-inches horizontally from the crown face of the roll - see OSHA’s §1910.216 and ANSI B.28.1.

- The pressure needed for these pressure-sensitive body bars must be equal to 40-pounds or as specified by the manufacturer of the approved safety control.

- Pressure-sensitive body bars must be the preferred method for mill safety controls. They must be used in combination with a safety trip wire cable or wire centered-cord or a safety trip rod.

- Pressure-sensitive body bars must not be cut in half, have the safety switches removed because of nuisance trips or otherwise modified.

- A safety trip wire cable or wire-centered cord must also be installed in the front and back of each mill and located within 2-inches above a vertical plane tangent to the front and rear rolls. The cables shall not be more than 72-inches above the level on where the operator stands and shall operate readily on contact §1910.216.

- §1910.216 requires mill rolls shall be stopped within a distance, as measured in inches of surface travel, not greater than 1½ percent of the peripheral no-load surface speeds of the respective rolls as determined in feet per minute. ANSI B.28.1 calls for weekly checks.

- Appropriate hand protection (and sizes) must be provided based on the performance characteristics relative to the tasks to be performed and conditions present.

- Sufficient staffing levels and effective training must be provided and maintained.

- A slow start-up speed and moveable guard bars should be considered at rubber mills. This guard bar is hinged at both sides of the mill frame so that it will raise should the operator get caught between the bar and mill roll - see ANSI B28.1.