PLAINTIFF'S
EXHIBIT
DUP-1683

ROLLAWAY PORTABLE DUST COLLECTOR
&
KEROSENE HOOD
BIANNUAL CHECK

On January 4, 1984, air velocity measurements were taken in Central Shops on the Rollaway Portable Dust Collector (L.N. 940), and the Kerosene Hood Vent (L.N. 941). Readings were taken at 0900 in the valve shop area using the Alnor Type 8500 Thermo-Anemometer.

by David L. Horacha
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Rollaway Portable Dust Collector (L.N. 940)

Ten measurements were made across the cone at its face. The average cone face velocity reading was 1084 fpm. The air volume was 737.12 cfm.

The average cone face velocity is sufficient for equipment use. Future monitoring will be done to ensure the stability of the equipment.

*Based upon the following: Area of Cone = .687 ft^2
cfm = AV (at face)

Kerosene Hood Vent (L.N. 941)

A total of six measurements were made on the hood at its face. The average face velocity was 90.8 fpm. The previous average was 91.7 fpm. The present average is sufficient for equipment use.

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