

Facility E

Plant E was the largest of the automobile brake service shops surveyed. Other services provided by this facility were front-end alignment and shock absorber replacement or repair. The five full-time mechanics worked from four service stalls, nine hours per day, six days per week. Brake maintenance operations consisted of 35 to 45 jobs per week.

Facility F

The major services at this facility were front-end alignment, muffler installation, and brake maintenance. Automobile brake repair operations were performed by the shop's three employees and consisted on the average of four to five brake jobs per week. Normal brake servicing at this facility took about 1 hour and 45 minutes per vehicle.

Facility G

This shop, a truck brake maintenance facility, involved a somewhat different operation and exposure. Servicing operations were more complex and, therefore, involved more employees and fewer vehicles serviced. The four service bays at the facility were used by seven mechanics. Other service operations included pad grinding, riveting, and punching (pad removed and/or replaced on shoe), sand blasting of old shoes, and milling of wheels.

Sampling and Analysis

Personal and general air samples were collected at each facility on different occasions during a two-year period. Brake servicing operations, as well