Data Sheet
Chelsea Proving Grounds
May 4, 1976

Asbestos

Location	Concentration
Current OSHA Standard	5.0 (fibers per cubic centimeter of air)
July 1, 1976 OSHA Standard	2.0

Department 7640

(1) Personal air sample D.Bauer 0557, grinding and grooving drum brake shoes on Ammco grinder	< 0.1
(2) Personal air sample, D. Bauer 0557, grinding disc brake shoes on the Ammco drum lathe	< 0.1
(3) Personal air sample, D. Bauer 0557, slot slawing with a hacksaw	< 0.1
(4) Personal air sample, J. Knapp 4967, driving test vehicle during fade test	< 0.1
(5) Personal air sample, J. Knapp 4967, removing brakes to reset thermocouple	< 0.1

Lead

OSHA Standard	0.2 mg/M^3 (milligrams per cubic meter of air)
(6) Personal air sample, J. Knapp 4967, driving test vehicle during fade test	< 0.002

Inert or Nuisance Dust

A.C.G.I.H. TLV	10 mg/M^3
(7) Personal air sample, J. Knapp 4967, driving test vehicle during fade testing	< 0.1

All determinations of airborne asbestos fiber concentrations were made by the Industrial Hygiene Laboratory using the OSHA dictated membrane filter method at a magnification of 430X with phase contrast illumination.

Lead determinations were by the Industrial Hygiene Laboratory using an atomic absorption technique and total dust was analyzed gravimetrically.

All air samples were collected in the breathing zone of exposed employees with MSA Model 6 Portable Pumps.

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