

FILE NAME: Brakes (BRK)

DATE: 1983 Apr 12

DOC#: BRK171

DOCUMENT DESCRIPTION: Industrial Hygiene Survey Report with
Handwritten Notes

INDUSTRIAL HYGIENE SURVEY REPORT

APR 13 1983

SOUTH CHARLESTON PLANT

File
 To: W.A. Stricklin
 cc: E.D. Harrah
 Monitored Employees
 L.W. Phair
 B.G. Stump

Date: April 12, 1983
 From: W. C. Young

Dr Holland

fyi

Survey Date 4-5-83

Department/Location 350010 / Bldg. 428

Airborne Chemical Measurements

Asbestos Dust

File No. OH 671

Area/Source (7.3) (1), Occupational Exposure (7.4), Noise (8.1),

Heat Stress (9.5), Illumination (9.6) Dust, Respirable/Total (9.7)

Sample Location,
Employee Monitored

SSAN

Exposure
Concentration
ppm, mg/m³
fibers > 5µm/ccSample
Duration,
MinutesExposure
Concentration
ppm, mg/m³
(TWA/8 Hrs.)
fibers > 5µm/cc

Status

W. H. Bell 236-30-4927 6-19-82 3.9

30

< 3.9

IC

J. L. Vance 233-78-6544 10-25-82 2.1

30

< 2.1

IC

- Relining vehicle brakes -

Comments: Use of compress air has been discontinued while performing this work to reduce exposure to airborne asbestos fibers. Nevertheless, a measurable quantity of respirable fibers was detected on the above date. Although exposure appears substantially low, use of the 3-M disposable dust mask (available in 514 stores) would likely prevent inhalation exposure altogether under these conditions.

- (1) (n.n) = Plant 514 Safety File Reference
- (2) IC = In Compliance; NC = Non-Compliance; NEEL = No Established Exposure Limit
 Applicable Standard, TWA/8 Hrs.: TLV[®] _____; OSHA * _____; UCC _____;
 Short Term Exposure Limit (STEL) _____; Ceiling Limit 10 fibers > 5µm/cc air

- (3) Please notify monitored employees of results in accordance with Plant 514 Safety/Health Procedure No. 16 and applicable OSHA regulations.

UCC 008371