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R&H File

INDUSTRIAL HYGIENE SURVEY REPORT

SOUTH CHARLESTON PLANT

APR 13 1983

To: W.A. Stricklin

cc: E.D. Harrah
Monitored Employees
L. W. Phair
B. G. Stump

Dr Holland - fyc

Date: April 12, 1983

From: W. C. Young

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/cc	Sample Duration, Minutes	Exposure Concentration, ~~PPM, MG/M3~~ (TWA/8 Hrs.) fibers >5μm/cc	Status(2)
W. H. Bell	236-30-4927	Last P.E. 6-19-82 3.9	30	< 3.9	IC
J. L. Vance	233-78-6544	10-25-82 2.1	30	< 2.1	IC

– Reliming 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.

* 2 fibers longer than 5 micrometers per cubic centimeter of sampled air.