



SAFETY AND OCCUPATIONAL HEALTH DIVISION BULLETIN

EMPLOY
RELATIO
DEPARTME
WILMINGTC
DELAWA

PLAINTIFF'S
EXHIBIT
DUP-1765

Bulletin No. 129
Issued: 10/31/84

RESPIRATORS FOR ASBESTOS HANDLING

Haskell Laboratory has found several air purifying respirators suitable for protection against asbestos dust, based upon workplace performance tests.

The following respirators were found to exceed the OSHA assigned protection factor of 10, with median workplace protection factors greater than 100:

3M-8710 (disposable)
3M-9910 (disposable)
Survivair 2000 (elastomer facepiece)
North 7500
MSA Comfo II (with Type H or Type F filters)

When properly fit tested, these respirators can be used for protection against airborne asbestos concentrations less than 5 fibers/mL 8-hour TWA or 100 fibers/mL ceiling.

One disposable respirator, American Optical R1050, offered lower protection factors (median of 50 and lower 5th percentile of 5). It is not recommended for use against asbestos.

SAFETY AND OCCUPATIONAL HEALTH DIVISION

L. C. Schaller
L. C. Schaller, Section Manager

/nlg

TO: PLANT MANAGERS, LABORATORY DIRECTORS, WAREHOUSE AND BRANCH OFFICE MANAGERS, PRODUCTION MANAGEMENT, PLANT S&OH SUPERVISORS, OSH COORDINATORS, CENTRAL SAFETY COMMITTEE CHAIRMEN, R&D DIRECTORS, SITE OH COORDINATORS, S&OH GUIDELINE HOLDERS, ERD DIVISION HEADS, B. W. KARRH, M.D./M. A. SUWYN/H. G. SMYTH

DUP 1012303



DU 053446