Mine Safety and Health Admin., Labor

§ 57.5037

The following chemical substances shall not be used or stored except by competent persons under laboratory conditions approved by a nationally recognized agency acceptable to the Secretary.

(a) Carbon tetrachloride,
(b) Phenol,
(c) 4-Nitrophenol,
(d) Alpha-naphthylamine,
(e) 4,4-Methylene Bis (2-chloroaniline),
(f) Methyl-chloromethyl ether,
(g) 3,3-Dichlorobenzidine,
(h) Bis (chloromethyl) ether,
(i) Beta-naphtylamine,
(j) Benzidine,
(k) 4-Aminodiphenyl,
(l) Ethyleneimine,
(m) Beta-propiolactone,
(n) 2-Acetylaminofluorene,
(o) 4-Dimethylaminobenzene, and
(p) N-Nitrosodimethylamine.

AIR QUALITY—SURFACE ONLY [RESERVED]

AIR QUALITY—UNDERGROUND ONLY

§ 57.5015 Oxygen deficiency.

Air in all active workings shall contain at least 19.5 volume percent oxygen.

RADIATION—UNDERGROUND ONLY

§ 57.5037 Radon daughter exposure monitoring.

(a) In all mines at least one sample shall be taken in exhaust mine air by a competent person to determine if concentrations of radon daughters are present. Sampling shall be done using suggested equipment and procedures described in section 14.3 of ANSI N13.8–1973, entitled “American National Standard Radiation Protection in Uranium Mines,” approved July 18, 1973, pages 13–15, by the American National Standards Institute, Inc., which is incorporated by reference and made a part of the standard or equivalent procedures and equipment acceptable to the Administrator, MSHA Metal and Nonmetal Mine Safety and Health District Office of the Mine Safety and Health Administration.

The mine operator may request that the required exhaust mine