

GEHS 7500

Air Sampling & Analysis

Part 14:

- Size-Selective Particle

Sampling

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Size-Selective Sampling

- selective sampling of a specific fraction or range of sizes from an aerosol cloud in order to match site-specific respiratory toxicity with potential for deposition at the site

Examples:

wood dust.....	nasal cancers
chromic acid aerosol.....	perforation of nasal septum
sulfuric acid aerosols.....	bronchitis
cotton dust.....	byssinosis
crystalline silica particles.....	silicosis
bagasse dust.....	hypersensitivity pneumonitis

Respiratory System

