SILICEOUS DUSTS (Continued)

Industry	Siliceous Materials Used	Occupations Offering Possible Hazard	Remarks
STONE Quarrying Building Excavating Mining Cutting	Granite, sandstone, ganister (quartzite rock) grindstones.	Rock drilling, crushing, sawing, grinding, polishing, handtool cutting, sand blasting, machine surfacing, blasting, handling, tunneling, granite cutting, monuments, carving, masonry.	Like mining, this industry was one of the most prolific producers of silicosis. The introduction of pneumatic tools (1892) greatly increased the exposure to dusts rich in free silica. A number of these operations are carried on outdoors so that dust concentrations are smaller. However, an incidence of silicosis of 25% has been reported from a granite quarry industry. Modern dust control methods now in use are expected to greatly reduce this figure.
TOBACCO	Quartz.	Processing tobacco leaf, hanging, blending, stemming, cleaning.	Recent studies indicate that the inhalation of free silica and insecticide dust may be of significance in this industry. The free silica content of dusts found in processing plants ranged from 22 to 58%. Further investigation is required.
VITREOUS	Dust from siliceous materials used, e.g., quartz, flint, feldspar, finely ground silicates.	Mixing, spray coating, sand blasting.	In the glaze department in potteries, the glaze making is an intermittent operation which exposes a few men to heavy dust concentrations for a few hours a week. Automatic spraying machines and exhaust ventilation are now coming into general use so that this hazard will be eventually controlled.

Industries Using Silica Bearing Materials

Abrasives (Manufacturing)
(Users of Abrasives)
Brick and Tile (Brick Cutters—Sawing)
Bed Rubbers (Stone)
Bisque Kiln Workers
Blasters—Foundry and Steel
Buffers—Polishing
Burners (Foundry)
Burn Filers
Casting Cleaners (Foundry)
Cement Workers (?)
Ceramic Workers (See Pottery Workers)
Furnace Chargers
Charger (Smelting and Refinery)
Chasers (Steel)
Shippers
Clay and Bisque Makers (*Pottery*)
Clay Product Workers (Pottery)
Concentrating Mill Workers
Construction Workers
Core Makers (Foundry)
Crane Men (Iron steel—non ferrous)
Crushermen (Clay and Stone)
Cutlery Makers
Diatomaceous Earth Workers
Drillers (Rock—Stone)
Excavation Workers (Construction)
Fertilizer Makers
Flint Workers
Foundry Workers (Assemble)
Fused Quartz Workers
Glass Furnace Workers
Glass Mixers
Glaze Mixers (Pottery)
Grinders
Grinding Wheel Makers
Insecticide Makers
Insulation Workers
Jute Workers
Masons
Miners
Planer Men (*Stone*)
Polishers and Cleaners
Pneumatic Tool Workers (Quarry and Mining)
Porcelain Makers (Pottery)
Pottery Workers
Pouncers (Felt Hat)
Quarry Men
Quartz Workers
Road Repairing
Rubber Workers
Sand Blasting
Sanders
Sandpaper Makers
Sand Pulverizing
Surveyors (Stone)
Scouring Powder Makers
Scrapers (Foundry)
Silicon Alloy Makers
Slate Workers
Smelters
Soap Abrasive Workers
Sodium Silicate Makers
Stamp Mill Workers
Statuary Workers
Stone (Artificial) Makers
Stone Masons
Stone Workers
Street Repairers
Subway Construction Workers
Tile Makers
Tumbling Barrel Workers
Tunnel Workers
Zinc Smelters and Refiners

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