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AN INDEX TO
HEALTH HAZARDS
IN
INDUSTRY

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PREFACE.

It is probable that a large portion of workers do not realize the possibilities of injury to health that may be involved in the occupation followed by them, nor how easily many of the risks may be minimized or even entirely avoided if only suitable precautions are taken.

This pamphlet has been prepared by Dr. D. C. Richardson, Director, Division of the Industrial Hygiene in the Department of Health, with the view of drawing public attention to the matter and of pointing out the nature of hazards in industry, the occupations in which they occur, and the symptoms and signs of ill health which the conditions of occupation may give rise to, and of guiding employers as well as employees in regard to measures for the prevention or modification of harmful or unsuitable conditions.

The information contained in the pamphlet, more especially in the alphabetical "List of Hazardous Occupations with Potential Health Risks," may also be useful to medical practitioners.

I H L. CLEMENTON, M.D., D.P.H.,
Director, Division of Health.

5th August, 1922.

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Table 1.
ALPHABETICAL LIST OF HAZARDOUS OCCUPATIONS OR
OCCUPATIONS WITH POTENTIAL HEALTH RISK.

Acetylene makers, D 1, J 4, 16, 43.	Slag pile workers, A 1, D 1, J 15.
Acid clippers, C, J 10, 22, 29, 31, 43.	Blacksmiths, A 1, E, H, J 14, 16, 22, 28.
Acid finishers (glass), J 20, 25, 43.	Blat (urnace workers), A 1, J 21, 40, 47.
Acid makers, see particular acid.	Bleachers, A 2, C, J 17, 18, 21, 27, 27, 40.
Acid mixers, J 20, 27, 40.	Bleachers (cloth), A 2, C.
Acid roasters, J 20, 27, 40.	Bleachers (dryers), A 2, C.
Acid transporters, J 20, 27, 43.	Blockers (felt hat), C, J 14.
Airplane wing varnishers, see also varnishers, J 20.	Blooders (tannery), J 22.
Alcohol distillery workers, J 4, 6.	Blooming mill workers (iron and steel), A 1.
Aldehyde pumpmen, J 1, 20.	Blowers (felt hat), D 2, J 20.
Alkali salt makers, C, J 14, 18, 20, 40, 47.	Blowers (glass manufacturing), see glass blowers.
Amber workers, J 22.	Blowers-out (the setting), A 1, J 13.
Ammonium sulfate makers, J 43.	Blowers (revolvers), A 1.
Aniline dye makers, see dye makers.	Boiler-room workers, A 1, J 14, 16.
Aniline makers, J 7, 10, 12, 20, 24, 37.	Boiler washers, C.
Animal hair growers, see hair workers.	Bone-black makers, J 4, 47.
Animal handlers, F 1, 3.	Bone renderers, J 3.
Annalists, A 1.	Bone workers, D 1.
Antimony extractors (miners), A 1, J 6.	Bookbinders, J 2, 23, 20.
Antimony fluoride extractors, J 27.	Boiler cap makers, J 22.
Antipyrin makers, J 21, 40.	Brass founders, A 1, J 8, 9, 13, 14, 16, 20, 42, 46.
Arcene workers, A 1, J 3.	Brass polishers, J 22.
Art glass workers, J 4, 12, 27, 28, 29, 32.	Brassiers, A 1, J 13, 20.
Artificial flower makers, H, J 2, 21, 22, 23, 30.	Brewers, A 2, C, J 14.
Artificial ice makers, A 2, C, J 4.	Brick burners, A 1, J 14, 25.
Artificial leather makers, J 7, 9, 13, 37, 44.	Brickmakers, A 1, C, D 1, F 2, J 20, 40.
Artificial manure makers, see fertilizer makers.	Brigade makers, J 43.
Artificial silk makers, C, J 4, 5, 15, 30, 47, 50.	Bronzers, D 1, J 4, 5, 9, 10, 12, 13, 23, 24, 29, 30, 47.
Asbestos workers, D 1.	Broom makers, D 2, J 18, 40.
Asphalt testers, J 15.	Browners (gun barrels), J 22, 28, 29, 34.
Auto painters, see also painters, C.	Brushers (felt hat), D 2, J 20.
Babbitts, J 22.	Brush makers, D 2, F 1, J 24, 30, 40.
Bakelite makers, J 20.	Butlers, D 1, 2, C.
Bakers, A 2, D 2, J 16.	Butlers (rubber), J 8, 11, 20.
Balloon (fing) fillers, J 10.	Burners (enamelling), A 1, J 24.
Bakers, H.	Burners (iron and steel), C, J 8, 48.
Bar mill workers (iron and steel), A 1.	Burners (rifle barrels), J 8.
Barrel slag (artificial manure) workers, D 1.	Burrers (needles), D 1.
Batch makers (glass works), see glass makers.	Bury filers, D 1.
Batch makers (rubber works), see com- pounders (rubber).	Butchers, A 2, F 1, 3.
Batters (tannery), C, F 1.	Button makers, D 1, 2.
Battery (dry) makers, D 1, J 3, 10, 12, 21, 28, 29, 40.	Cable makers, J 22.
Battery (storage) makers, see storage battery makers.	Cable splicers, C, J 15, 20, 47, 52.
Beamers (textile), D 2.	Calico workers, A 2, B, C, D, J 14.
Beamhouse workers (tannery), C, F 1.	Calenderers (rubber), A 2, D 1.
Beatermen (paper and pulp), C, J 16.	Calico printers, A 2, C, J 7, 8, 9, 14, 15, 21, 22, 24, 25, 26, 29, 43, 52.
Bed rubbers (marble and stone), D 1.	Campfire makers, J 20, 22.
Benchesmen (tannery), D 1, J 22, 24.	Candle (coloured) makers, J 9, 21.
Bendal stillmen, A 1, J 12.	Candy makers, A 2, C.
Benzene converter workers (iron and steel), A 1.	Canners, A 2, C, F 2, J 28.
Beta still operators (beta naphthol), A 1, J 44.	Cap loaders, J 20.
Bevellers, D 1.	Coppers (window glass), A 1.
Bicycleists, H.	Carbide makers, A 1, D 1, J 16.
Blot mill workers (iron and steel), A 1.	Carbide acid makers, J 12, 28, 40, 48.

TABLE 2.—LIST OF HAZARDS, THEIR SYMPTOMS, AND OCCUPATIONS AFFECTED—continued.

Health Hazards	Symptoms, Conditions or Diseases to Look for	Occupations with Other such Exposure
D. DUST—		
1. Inorganic Dust	Cough, dyspnea, pleuritic pains, hemoptysis, clubbed fingers, marked fatness of chest, deficient expansion (unilateral), dullness, diminished resonance, mucous rales, fibrosis, inflammatory condition of eyes, ears, nose and throat, colds, chronic catarrh of respiratory tract, chronic catarrh of digestive tract, pleurisy, tuberculosis.	Acetylene workers, Ambestos workers, Sawdust (artificial manure) workers, Battery (dry) workers, Bed rubbers (curtains and stone), Beach moulders (foundry), Berberies, Bins workers, Bone workers, Brickmakers, Bronzers, Buffers, Butters (wooden), Buttermilk workers, Calenderers (rubber), Car Makers, Carbon brush
OCCUPATIONS EXPOSED TO D.—continued.		
makers, Carbonaceous workers, Card grinders (textiles), Casting cleaners (foundry), Cement workers, Chemical workers (sugar refineries), Choppers (small-leaf), Choppers (slim small-leaf), Choppers (steel), Chimney sweeps, Chippers, Clay and brick makers (pottery), Clay pipe makers (pottery), Coal makers, Compositors, Compressors (rubber), Concentrating mill workers (lead and zinc), Core makers, Crucible makers, Crushermen (clay and stone), Cut glass workers, Gallery makers, Gunsmith makers, Diamond cutters, Electrotypers, Emery wheel makers, Engineers, Fertilizer makers, File cutters, Filers, Flint workers, Floor moulders (foundry), Floor cleaners, Foundry workers, Glass blowers, Glass cutters, Glass finishers, Glass mixers.	Glass makers (pottery), Gold beaters, Gold refiners, Graphite workers, Galvanizers (metal), Gypsum workers, Hair workers, Jewelers, Jack (metal) refiners, Lapidaries, Lead smelters, Lime burners, Lime kiln choppers, Lime workers, Linoleum makers, Lithographers, Marble cutters, Masons, Match factory workers, Metal turners, Mica strippers or splitters, Mica workers, Miners, Mosaic makers, Mould breakers (foundry), Paint removers, Paper baggers, Phosphate mill workers, Pit moulders (foundry), Plaster men (plaster, metal), Plasterers, Plaster of Paris workers, Pneumatic tool workers, Polishers, Pottery workers, Potters (felt hats), Pressmen (printers).	Painters, Party makers, Putty polishers (glass), Pyrites burners, Quarry men, Rubber workers, Sagger makers, Salt preparers, Sand blasters, Sand cutters, Sanders, Sander machine operators, Soapmakers, Sewing and painting into bodies, etc., Saw filers, Scrapers (foundry), Screen workers (lead and zinc smelting), Siders, Sintering plant workers, Slate workers, Slip makers (pottery), Smelters (glass), Spinners (textiles), Stamp mill workers, Stamping workers, Stone cutters (dry), Stone cutters (wet process), Sugar refiners, Sculpture makers, Table makers (enamelling), Textile comb makers, Tile makers, Tool makers, Top blenders (foundry), Tumbling barrel workers, Wrights.
2. Organic Dust	Dryness of nose, throat, and mouth, cough, anapylaxis, asthma, bronchitis, emphysema, tuberculosis.	Rubbers, Resinners (textiles), Blowers (felt hats), Broom makers, Brush makers, Buffers.
OCCUPATIONS EXPOSED TO D.—continued.		
Bottom makers, Carbonizers (shoddy), Carders (textiles), Car grinders (textiles), Carpet makers, Celluloid polishers, Celluloid workers, Cigar makers, Coldlers, Comb makers (celluloid), Comers (felt hats), Cork workers, Cotton mill workers, Cotton refiners, Curriers (textiles), Devil operators (felt hats), Dollers (textiles), Feather cutters.	Feather workers, Felt hat makers, Fibre workers, Finishers (textiles), Flax spinners, Flour workers, Formers (felt hats), Fur carvers, Fur shippers, Fur cutters, Fur preparers, Fur pullers, Glove makers (leather, prepared), Glove workers, Grain elevator workers, Grinders (rubber), Gun-cotton pickers, Hair workers, Hatters makers,	Hosi makers (shoe), Hemp workers, Jute workers, Knitting mill workers, Lace makers, Leather shoes, Leather workers, Linen workers, Match factory workers, Mattress makers, Mice (felt hats), Milling room workers (cellulose), Monitors (felt hats), Rag workers, Rubber coverers (trotter mill), Rope makers, Rubber workers,