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HEAT-TREATING FURNACES

Publication Office: 20th & Northampton Sts., Easton, Pa.
Editorial, Executive, and Advertising Offices: 2525 N. High St., Columbus 2, Ohio.
Committee on Publications: R. L. STONE, Chairman; HARRY THIEMECKE, W. A. WELDON, K. C. LYON, R. C. PURDY, *ex-officio*.
Entered as second-class matter at the post office at Easton, Pa., under the act of March 3, 1879. Published monthly.
Subscription \$1.50 a year. Single copies twenty-five cents.
(Foreign and Canadian postage, 50¢ additional on subscriptions)
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Corporation Members

Corporation Members have an important place in The American Ceramic Society. Their membership is a manifestation of interest in the scientific phases of the industry by the managements of the respective companies. As such, they serve to support the technological progress of the ceramic industry, not only by financial aid, but by the prestige of their names.

The American Ceramic Society presents to the membership in the following pages a list of the companies which are lending support to this work. With each name is given a description of the products or services of the company. Sufficient space was not available to give an adequate listing; just enough is given to classify each company and its products. This should be helpful in answering the question, "What do they make?" The name of the individual who represents the company in Society affairs is also given.

This listing should not be considered as an adequate sales description of the products. Company members desiring such publicity are referred to the several trade directories for the industry. Those who supply the ceramic industry and wish to tell a real sales story are referred to the advertising pages of the many trade papers or to *The Bulletin of The American Ceramic Society*.

It is hoped that this Roster may be revised yearly and that succeeding issues will give better coverage of the industry, especially of foreign members.

The Society presents its Corporation Members to you. Get acquainted with them. They are the leaders.

Abbé Engineering Co. H. F. Kleinfeldt
50 Church St., New York 7, N. Y.

Manufacturers of pebble mills, ball mills, tube mills, jar mills, jar rolling machines, liquid mixers, dry mixers, and sifters of special and standard design.

Abingdon Potteries, Inc. R. E. Bidwell
Abingdon, Ill.

Producers of vitreous china plumbing fixtures, vitreous china specialties, vitreous china artware, and kindred lines; also miners and grinders of the famous Abingdon feldspar.

A C Spark Plug Div., General Motors Corp. T. G. McDougal
Flint 2, Mich.

Manufacturers of automotive and aircraft products; spark plugs, oil filters, bearings, fuel pumps, air cleaners, speedometers, and other instruments; one of the major builders of war products; .50-caliber machine guns, bomb-sights, aircraft bearings, and aircraft spark plugs.

Adamston Flat Glass Co. Eugene Rolland
Box 631, Clarksburg, W. Va.

The products of this company, manufactured under the trade name Clearlite, are sheet glass of various thicknesses from thin (weighing approximately 14 to 16 ounces per square foot to $7/16$ inch) and bulb-edge glass for shelving, cabinets, and counter dividers.

Akron Porcelain Co. F. W. Butler
Akron 14, Ohio

Manufacturers of special electrical porcelain parts which are made to the customers' specifications and blueprints by the dry-press process. More than half a century of experience in producing unglazed white porcelain, unglazed gray porcelain, and glazed porcelain for the electrical and communications industries.

Alabama Clay Products Co. A. S. Holberg
830-835 Martin Bldg., Birmingham, Ala.

Manufacturers of firebrick, successors to the Bessemer Fire Brick Company, who have been making firebrick at their Bessemer, Ala., plant continuously since 1887. Refractories for the foundry and steel industries.

Alton Brick Co. Rand Rodgers
Alton, Ill.

Manufacturers of buff and red face brick of all shades, load-bearing and partition structural tile, and paving brick. Distributors of Owens-Illinois glass blocks and dealers in glazed brick and tile. The St. Louis office is at 3332 West Pine Boulevard.

American Clay Forming Co. Ross Stoffer
Tiffin, Ohio

Manufacturers of radiants and backwalls for gas heaters, special refractories for oil- and gas-burning furnaces, and special shapes of high-temperature refractories.

American Colloid Co. Paul Bechtner
363 W. Superior St., Chicago 10, Ill.

Producers of bentonite, with special grades for the ceramic industry.

American Crucible Co. R. E. Burdett
Shelton, Conn.

Manufacturers and distributors of crucibles, retorts, super-refractories, refractory cements, and Shelton metallic fillers; crucibles are for melting ferrous and nonferrous metals; one-piece linings for crucible melting furnaces and tear-drop base blocks.

American Emery Wheel Works Harold O. Skoog
1 Richmond Square, Providence 1, R. I.

Established in 1898 as manufacturers of Aluminox and Carbolite grinding wheels, segments, rubbing brick, stones, cutoff wheels, and abrasive specialties; also Aluminox and Carbolite abrasive grains and flours.

American Gas Association C. G. Segeler
420 Lexington Ave., New York 17, N. Y.

The central trade association serving all branches of the gas industry, including gas companies, gas-equipment manufacturers, and several thousand individual members; maintains testing and research laboratories at Cleveland and Los Angeles where gas appliances are checked for compliance with American Standards Association requirements.

American Glassware Association H. L. Dillingham
19 West 44th St., New York 18, N. Y.

An association of glassware manufacturers which provides statistical information for its members and represents them in governmental and public relations; maintains a traffic committee, a tariff committee, and other committees on special subjects.

American Lava Corp. Paul J. Kruesi
Chattanooga 5, Tenn.

A pioneer manufacturer of ceramic insulating materials for electrical, thermal, chemical, and mechanical uses. Producers of AlSiMag by extrusion, dry-pressing, and casting processes, with special surface treatments and precision ground for close tolerances; also Lava bodies to especially close dimensions for similar uses.

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American Nepheline Corp. H. R. Deeth
Box CH 67, Rochester, N. Y.
Engaged in the production of a sodium aluminum silicate rock called nepheline syenite. A granular product is produced for the glass industry and a 200-mesh product for use in the whiteware and associated industries.

American Optical Co. E. D. Tillyer
Southbridge, Mass.
Manufacturers of eye-examining instruments, spectacle frames and lenses, and industrial safety equipment. Through their scientific instrument division, the Spencer Lens Co., Buffalo, N. Y., they produce microscopes, projectors, and other scientific instruments.

American Porcelain Enamel Co. Robert Long
1205 Keating Ave., Muskegon 36, Mich.
Manufacturers of porcelain enamel frit for all purposes and in all colors for application on stoves, refrigerators, signs, and washing machines; also heat- and corrosion-resisting enamel for exhaust manifolds.

American Potash & Chemical Corp. R. M. Curtis
122 East 42nd St., New York 17, N. Y.
Producers of potassium chloride, potassium sulfate, salt cake, borax, boric acid, soda ash, bromine, bromides, and crude lithium phosphate. Borax, boric acid, soda ash, and salt cake are supplied in large quantities to the ceramic industry, and in connection with their use the company offers technical service.

American Radiator & Standard Sanitary Corp. Erwin Sohn
1541 South 7th St., Louisville 8, Ky.
Manufacturers of cast-iron enameled plumbing fixtures; all types of plumbing and heating equipment.

American Radiator & Standard Sanitary Corp., Trenton Works H. S. Magid
Box 907, Trenton 5, N. J.
Manufacturers of all types of plumbing and heating equipment.

American Refractories Institute W. J. Westphalen
1872 Railway Exchange Bldg., St. Louis 1, Mo.
An association of refractories manufacturers whose object is to serve the refractories industry as a clearinghouse for the interchange of information pertaining to the mutual interest of manufacturers and consumers.

American Rolling Mill Co. F. G. Sutphen
Middletown, Ohio
Armco is one of the oldest prime producers of enameling iron for porcelain enameling purposes. This company also produces a complete line of special-purpose iron and steel and stainless-steel sheets and strip for every conceivable need.

American Smelting & Refining Co. L. G. Matthews
120 Broadway, New York 5, N. Y.
Engaged in the smelting, refining, and marketing of non-ferrous metals, primarily copper, lead, and zinc. In conjunction with these activities, it produces antimony oxide, arsenic, cadmium, and selenium, all of which are used as raw materials in the ceramic industry.

American Stove Co. Arthur Stockstrom
2001 S. Kingshighway Blvd., St. Louis, Mo.
Manufacturers of Magic Chef domestic gas ranges, heavy-duty cooking equipment, combination gas and coal ranges, and bungalow ranges; also Quick Meal coal ranges and oil stoves, Quick Heat oil heaters, and Golden Glow gas space heaters.

American Valve & Enameling Corp. Charles A. Wulf
Box 114, Indianapolis 6, Ind.
Manufacturers of name plates, number plates, and instruction plates on war contracts; processing of aluminum battery boxes and parts for Army and Navy aircraft.

American Window Glass Co. A. S. Crandon
Farmers Bank Bldg., Pittsburgh 22, Pa.
Manufacturers of clear sheet glass in thicknesses from 0.033 to 0.250 inch for glazing and scientific and industrial purposes; special glass for the photographic industry and the medical profession; colored glasses for sunglasses and decorative uses; safety glass for the automotive industry.

Amsler-Morton Div., Union Mining Co. P. M. Offill
Fulton Bldg., Pittsburgh 22, Pa.
Complete plants for manufacturing blown, pressed, rolled, drawn, polished, wire, laminated, and fiber glass and for manufacturing silicates of soda and rock wool; metal enameling; producer-gas systems; fuel-oil systems; glass-forming machines. Furnish construction and operating personnel.

Anchor Hocking Glass Corp. W. V. Fisher
Lancaster, Ohio
Anchorglass narrow- and wide-mouth jars, bottles, and jugs; metal and plastic closures and sealing machines; home-canning jars and caps; Fire-King Ovenglass; table and kitchen glassware; hotel, bar, and restaurant glassware; industrial and premium items.

Arketex Ceramic Corp. George W. Shoemaker
Brazil, Ind.
Manufacturers of ceramic glazed structural building tile for permanent and sanitary walls in buildings such as hospitals, food plants, etc.; standard-size 5 by 12 by 4 inches; two-plant output.

Armstrong Cork Co. E. C. Emanuel
Central Technical Lab., Lancaster, Pa.
Producers of glass containers, cork stoppers, metal and molded closures, insulating firebrick, corkboard, pipe covering and other insulating materials, linoleum, asphalt tile and other floor materials, wall coverings, acoustical material, gaskets, seals, and many industrial specialties. Distributors of Foamglas and glass-wool insulation.

Ashworth, George L., & Bros., Ltd. R. L. Evans
Broad St. Works, Hanley, Stoke-on-Trent, England
Sole manufacturers of Mason ironstone china, the original ironstone china first patented in 1813. This immensely durable tableware is made in a comprehensive range of well-known imperishable underglaze stock patterns of unique period character.

Associated Engineers, Inc. Paul A. Mankin
230 E. Berry St., Fort Wayne 2, Ind.
An organization of licensed professional engineers and architects serving the Midwest with a complete management, industrial, and architectural consulting service. The staff is composed of especially trained engineers with broad educational backgrounds, who possess years of experience in their chosen fields.

Austenal Laboratories, Inc. Paul F. Collins
5932 Wentworth Ave., Chicago 21, Ill.
Manufacturers of cast Vitallium dental restorations; Micromold (porcelain) teeth; Vitalon (resin) teeth; Vitalon denture material; and cast Vitallium orthopedic (bone) surgery appliances; also microcast-process precision castings and Vitallium turbine buckets for superchargers. Conduct research and development work for 200 affiliated dental laboratories.

Babcock & Wilcox Co. A. M. Kohler
85 Liberty St., New York 6, N. Y.
Manufacturers of special kaolin-base firebrick for high-temperature and heavy-load conditions, such as glass-tank superstructures and checkers, and enameling-furnace piers; insulating firebrick for temperatures up to 2900°F.; refractory mortars, plastics, and castables of standard and light weight.

Bell Brothers Co. Mun
Manufacturers of a general line of glass jars including Ball-Mason fruit jar, Oklahoma, and Texas; mason jars, with zinc rolling mill lined caps for fruit jars and batteries; mechanical rubber tubing, a subsidiary.

Bardin, Paul, e Hijos Socie Anónima
Pichincha 1245, Bu

Bartlett-Collins Co. Sapul
Manufacturers of machine blown and pressed; a good tumblers, screen process and distribution in the entire United States and South American countries.

Bausch & Lomb Optical Co. Roches
Established in 1853 in Rochester, N. Y., manufactures optical glass instruments for military use and eyesight correction and

Bay State Abrasive Products Co. West
Manufacturers of a complete line of precision grinding and polishing wheels; also carbide refractories. Stocked and Detroit together with

Belden Brick Co. Can
Producers of common brick and firebrick.

Bell & Howell Co. 7100 McCormick
Fine motion-picture projection and 35-mm. cameras, projectors, and precision instruments and serviced at nine plant locations; precision instruments

Bellaire Enamel Co. Bell
Prewar products: high-temperature enameled items, armor, and hospital use; other manufacturers. Work in plain steel, stainless steel, and forces and essential civil

B. G. Corporation Ridge
Manufacturers of spark plug types of operation. Assorted terminal sleeves, elbows, ignition harness for aircraft

Binghamton Brick Co. Binghamton
Manufacturers of common

Binks Manufacturing Co. 3114 Carro
Manufacturers of spray equipment for the application of paint and also spray booths and ex

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Businesses from
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Ball Brothers Co.

Muncie, Ind.
Manufacturers of a general line of glass containers, in-
cluding Ball-Mason fruit jars, at plants in Indiana, Illinois,
Oklahoma, and Texas; makers of closures for glass con-
tainers, with zinc rolling mills to produce the zinc porcelain-
lined caps for fruit jars and drawn zinc shells for dry-cell
batteries; mechanical rubber goods by the Aridor Corpora-
tion, a subsidiary.

Bardin, Paul, e Hijos Sociedad Pablo Pedro Bardin
Anónima
Pichincha 1245, Buenos Aires, Argentina

Bartlett-Collins Co. D. C. Hamilton
Sapulpa, Okla.
Manufacturers of machine-made table glassware, both
blown and pressed; a goodly percentage of this line is
tumblers, screen process and hand decorated; normal dis-
tribution in the entire United States as well as in Central
and South American countries.

Bausch & Lomb Optical Co. Murray Scott
Rochester 2, N. Y.
Established in 1853 in Rochester, N. Y., this company
manufactures optical glass and a complete line of optical
instruments for military use, education, research, industry,
and eyesight correction and conservation.

Bay State Abrasive Products Co. O. S. Buckner
Westboro, Mass.
Manufacturers of a complete line of abrasive products,
including precision grinding wheels, hones, diamond wheels,
and polishing wheels; also crystalline alumina and silicon
carbide refractories. Stocks are maintained in Chicago
and Detroit together with a country-wide engineering serv-
ice.

Belden Brick Co. P. B. Belden
Canton, Ohio
Producers of common brick, face brick, paving brick, and
firebrick.

Bell & Howell Co. R. B. Snyder
7100 McCormick Rd., Chicago 45, Ill.
Fine motion-picture professional and amateur (8-, 16-,
and 35-mm.) cameras, projectors, accessories, laboratory
equipment, and precision optical devices are made, sold,
and serviced at nine plants and laboratories for world dis-
tribution; precision instruments for war.

Bellaire Enamel Co. Charles Kapner
Bellaire, Ohio
Prewar products: high-quality vitreous enamelware,
baked enameled items, and steel products for home, restau-
rant, and hospital use; also fabricated steel shapes for
other manufacturers. War products: critical items in
plain steel, stainless steel, and enamel for the armed
forces and essential civilian ware.

B. G. Corporation Frank J. Fallon
Ridgefield, N. J.
Manufacturers of spark plugs for aircraft and industrial
types of operation. Associated items include spark-plug
terminal sleeves, elbows, and a completely sealed flexible
ignition harness for aircraft engines.

Binghamton Brick Co. Clarence P. Austin
Binghamton, N. Y.
Manufacturers of common, paving, and face brick.

Binks Manufacturing Co. E. F. Watts
3114 Carroll Ave., Chicago, Ill.
Manufacturers of spray guns and pressure equipment for
the application of paints, glazes, and porcelain enamels;
also spray booths and exhaust systems.

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G. A. Ball

Bliley Electric Co. J. M. Wolfskill
Union Station Bldg., Erie, Pa.
Producers of quartz crystals for electrical-frequency con-
trol.

Blue Ridge Glass Corp. J. H. Lewis
Kingsport, Tenn.
Manufacturers of rolled figured and wired lime glass;
polished figured and wired glass; Aklo heat-absorbing glass;
Securit (tempered) figured glass; special surface treatments:
sandblasting, frosting, satinol; special rolled-glass prod-
ucts made to manufacturers' specifications.

Blythe Colour Works, Ltd. Norman R. Wildblood
Cresswell, Stoke-on-Trent, England
Manufacturers of vitreous enamels and colours for iron
baths, electric cookers, refrigerators, hollow ware, kitchen
utensils, and signs; colours and glazes for pottery, tile,
sanitary ware, and glassware; dry colours for paint, plas-
tics, rubber, and artists; enamels for badges and jewelry.

Bonnot Company B. T. Bonnot
Canton, Ohio
Engineers, designers, and constructors of machinery for
the ceramic industry; clayworking machinery and deair-
ing equipment.

Böttfield Refractories Co. A. H. Engstrom
Swanson and Clymer Sts., Philadelphia 47, Pa.
Manufacturers of Adamant firebrick cement, a prepared,
air-setting high-temperature bonding mortar; Adaearth,
a plastic chrome-ore material for constructing hearths in
billet heating and slag-tap boiler furnaces; Adachrome
supercement, a chrome-ore base, air-setting bonding mortar.

Braun Corporation J. G. Stewart
2260 East 15th St., Los Angeles 21, Calif.
Suppliers of industrial chemicals, scientific apparatus,
laboratory chemicals, and equipment. Together with their
San Francisco house, they are the Pacific Coast agents for
several large manufacturers, including the B. F. Draken-
feld & Co., Inc.

Brickseal Refractory Co. Rexford Newcomb, Jr.
1029 Clinton St., Hoboken, N. J.
Manufacturers and distributors of maintenance materials
for use in connection with boilers, furnaces, and other
high-temperature equipment. Brickseal, a glazed refrac-
tory coating, is applied by spraying or brushing; it fuses
under heat to a glass, thereby improving the service life
of the refractory.

Brisch Brick Co. Michael Brisch, Jr.
228 N. La Salle St., Chicago 1, Ill.
Manufacturers of common and face brick.

British Scientific Instrument A. J. Philpot
Research Assn.
26 Russell Square, London, W.C. 1, England
An association, under the aegis of the Department of
Scientific and Industrial Research, for conducting co-
operative investigation into the problems arising in the
course of scientific instrument manufacture for the scienti-
fic instrument industry of Great Britain.

Brockway Glass Co., Inc. F. B. Hess
Brockway, Pa.
Manufacturers of glass containers in both flint and amber;
a complete line of pharmaceutical, proprietary, and pre-
scription containers, also beers, whiskeys, foods, toilets,
and perfumes; two fully automatic machine plants.

Buck Glass Co. R. A. Blunt
Fort Ave. and Lawrence St., Baltimore 30, Md.
One of the smaller companies which specializes in quality
and service and has many "firsts" in the container industry;
first deliberately to put alumina in milk-bottle glass;
first to introduce commercially the square Space-Saver
milk bottle; makers of a general line of flint-glass bottles.

Buffalo Pottery, Inc. R. E. Gould
1456 Seneca St., Buffalo 10, N. Y.
Manufacturers of plain and decorated vitrified hotel china for institutional uses.

Butcher, L. H., Co. W. D. Schwartz
2030 Bay St., Los Angeles, Calif.
Distributors of ceramic materials on the West Coast.

Cambridge Glass Co. W. L. Orme
Cambridge, Ohio
Manufacturers of a complete line of handmade blown and pressed glassware of high quality and correct design; stemware, tableware, vases, candelabra, epergnes, and all wanted pieces; lines complete in deep plate etchings, rock crystal, gold encrustations, and plain ware; druggists', laboratory, and photographers' glassware.

Canton Stamping & Enameling Co. Frank J. Hodnick
Canton 5, Ohio
Manufacturers of porcelain enameled steel utensils, both single and multiple coated, for the past forty years.

Carborundum Co. Otis Hutchins
Niagara Falls, N. Y.
Manufacturers of a complete line of abrasives, including cloth and paper articles, grinding wheels, and abrasive grains; refractories of the so-called superrefractory types using as a raw material either silicon carbide or fused aluminum oxide.

Carnegie-Illinois Steel Corp. J. C. Eckel
922 Carnegie Bldg., Pittsburgh 30, Pa.
Manufacturers of a comprehensive line of steel products, including sheets, tin plate, structural shapes, plates, bars, rails, and special sections in a complete range of chemical compositions; produce a special sheet for the porcelain enameling industry, USS Vitrenamel.

Carr-Lowrey Glass Co. Norman R. Beck
Box 356, Baltimore 3, Md.
Manufacturers of glass containers mostly for drugs, cosmetics, and household and industrial chemicals; hand-blown or semiautomatically blown bottles with ground stoppers, cut and polished, for perfumes.

Case, W. A., & Son Mfg. Co. Willard G. Young
Robinson, Ill.
Manufacturers of a complete line of plumbing equipment and fixtures.

Central Silica Co. R. G. Hay
Zanesville, Ohio
Producers of glass sand, enameling sand and flint, placing sand, and pottery flint.

Ceramic Color & Chemical Mfg. Co. W. F. Wenning
Box 297, New Brighton, Pa.
Manufacturers and distributors of colors for the porcelain enamel, glass, and pottery industries; clays and chemicals for the ceramic industry.

Ceramics Publishing Co., Inc. LeRoy W. Allison
421 Parker St., Newark 4, N. J.
Publishers of *Ceramic Age*, *Ceramic Trade Directory*, *Enamel Trade Directory*, and other ceramic literature.

Certain-teed Products Corp. B. E. Fennessy
120 S. La Salle St., Chicago 3, Ill.
Manufacturers of pottery plaster, Certrock; molding plaster, plaster of Paris, statuary plaster, plate-glass stucco, terra-cotta plaster, insulator plaster; also gypsum wall-board, sheathing board, and lath, wall plasters, Beaver and Kenmore boards, asphalt roll roofings, felts, cements, shingles, tarred felts, building papers, asphalt emulsions.

Champion Spark Plug Co., Ceramic Div. Frank H. Riddle
8525 Butler Ave., Detroit 11, Mich.
The Ceramic Division makes the ceramic insulators for

the spark plugs which are manufactured and sold by the Champion Spark Plug Company of Toledo, Ohio.

Chattanooga Glass Co. Frank Meacham
Chattanooga 10, Tenn.
Manufacturers of glass containers for beer, patent medicine, and other proprietary products in flint and green glass.

Chicago Hardware Foundry Co. Robert J. Young
North Chicago, Ill.
Operators of ferrous and nonferrous foundries; enamel plant for enameling in both wet and dry processes on cast iron; machine shop and plating facilities. This company is engaged chiefly in jobbing work.

Chicago Pottery Co. J. S. Clifford
1920-50 Clybourn Ave., Chicago 14, Ill.
Manufacturers of all types of vitreous china plumbing fixtures consisting of all types of lavatories, closet bowls and tanks, fountains, sinks, etc., for homes, industrial plants, and institutions; also various types of vitreous china specialties.

Chicago Retort & Fire Brick Co. A. H. Taylor
208 S. La Salle St., Chicago 4, Ill.
Largest independent refractory manufacturer in Illinois producing a complete line of fire-clay refractories from Missouri and Illinois clays. Products include Anti-flux, Superior, Sterling, and Ajax brick, plastics, high-temperature cements, castables, and clays; also an Ottawa brick especially for steel-mill service.

Chicago Vitreous Enamel Product Co. William Hogenson
1427 South 55th Court, Cicero 50, Ill.
Manufacturers of porcelain enamel frits for steel and cast iron. Engineering service on new and existing porcelain enameling plants. Jobbers for International ball mills, Frantz FerroFilters, McDaniel porcelain grinding balls and mill-lining brick, and a complete line of porcelain enamel shop supplies.

Chisholm, Boyd and White Co. L. W. Flood
57th and Wallace Sts., Chicago 21, Ill.
Manufacturers of brickmaking machinery.

Clark, N., & Sons G. D. Clark, Jr.
401 Pacific Ave., Alameda, Calif.
Manufacturers of handmade architectural terra cotta, ceramic veneer, ceramic glazed wall units, quarry tile, sewer pipe, drain tile, flue lining, chimney pipe, conduit pipe, chimney caps, vent caps, firebrick, septic tanks, prepared clay, modeling clay.

Claycraft Company C. Forrest Tefft
Box 866, Columbus 16, Ohio
Manufacturers of structural and industrial clay products, including ceramic glazed and unglazed facing tile, buff, gray, and red face brick, acid brick, refractory insulating brick, and floor brick; own and operate three large modern plants in Ohio.

Clayton & Lambert Mfg. Co. Charles F. Lambert
French Rd. and Madola, Detroit 5, Mich.
Manufacturers of gas-fired domestic refrigerators.

Colonial Insulator Co. R. W. Hemphill
973 Grant St., Akron 11, Ohio
Manufacturers of special electrical porcelain, porcelain forms for dipped rubber goods, and refractory tubes and plates.

Columbia Fire Brick Co. M. L. Hamaker
First National Bank Bldg., Canton, Ohio
Manufacturers of Columbia, No. 1 Savage, and Strasburg firebrick at plant in Strasburg, Ohio.

Commercial Decal, Inc. Alfred Duhrrsen
East Liverpool, Ohio
Manufacturers and suppliers of ceramic decalcomania since 1902; overglaze and underglaze decal for chinaware

and semivitreous ware; spec and enamelware; open-sto signs.

Consolidated Feldspar Corp.
1403 Trenton Trust
This company mines and gr for glass, pottery, porcelain products; also produces ber lite, and flint. The feldspar mining and grinding method
Co-Operative Enameling Co.
2335 East 67th S
In peacetime, this company stoves, tanks, refrigerators, parts. In wartime, heat-tre reconverted to enameling.

Coors Porcelain Co. Golde
Producers of chemical and and combustion tubes and tu uses; electrical insulators fo ceramic products.

Corhart Refractories Co., Inc.
16th and Lee Sts.
This company manufacture tories.

Corning Glass Works Corning
Manufacturers of consumer including ovenware; flamev lighting ware, lamp chimney tical ware, optical glass an glass piping; thermometer tu bulb blanks, exhaust tubing, tubing, radio insulators ar parts.

Corning Glass Works, Char Charl
(See above)

Crane Enamelware Co. Chattan
Manufacturers of a wide iron plumbing fixtures for u. office buildings, and indus bathtubs, lavatories, and plete line of boilers and rad heating.

Cronin China Co. Miner
Manufacturers of semiporcel dinnerware, ovenware, and

Crooksville China Co.
Crooks
Producers of a high-grade l since 1902; producing now Tone body with many dec Pantry Bak-in ware for u direct table use.

Crossley Machine Co. Trento
Manufacturers of a compl making of general-ware poti porcelain, high-tension insu wall tile.

Crown Potteries Co. Evansv
Manufacturers of high-qu ware in plain and emboss authentic styling, using c vantageously located for th Central, and Central West

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and semivitreous ware; special decalcomania for glassware and enamelware; open-stock patterns and exclusive designs.

Consolidated Feldspar Corp. M. J. McHugh, Jr.
1403 Trenton Trust Bldg., Trenton 8, N. J.

This company mines and grinds feldspar in several states for glass, pottery, porcelain enamel, and other ceramic products; also produces beryl, mica, amblygonite, lepidolite, and flint. The feldspar is produced by the customary mining and grinding methods and by the flotation process.

Co-Operative Enameling Co. Gordon W. Lasiter
2335 East 67th St., Cleveland, Ohio

In peacetime, this company enamels volume parts, such as stoves, tanks, refrigerators, heaters, signs, and building parts. In wartime, heat-treats war materials. Now 50% reconverted to enameling.

Coors Porcelain Co. A. Coors, Jr.
Golden, Colo.

Producers of chemical and scientific porcelain pyrometer and combustion tubes and tubes for other high-temperature uses; electrical insulators for difficult applications; special ceramic products.

Corhart Refractories Co., Inc. Fred S. Thompson
16th and Lee Sts., Louisville 10, Ky.

This company manufactures and sells electrocast refractories.

Corning Glass Works J. T. Littleton
Corning, N. Y.

Manufacturers of consumer and technical glass products, including ovenware, flameware, tumblers and tableware, lighting ware, lamp chimneys, laboratory and pharmaceutical ware, optical glass and color filters, gauge glasses, glass piping, thermometer tubing, signal ware, incandescent bulb blanks, exhaust tubing, neon tubing, fluorescent lamp tubing, radio insulators and tubes, and other electrical parts.

Corning Glass Works, Charleroi Div. Arthur W. Weber
Charleroi, Pa.
(See above)

Crane Enamelware Co. L. R. Varney
Chattanooga, Tenn.

Manufacturers of a wide range of porcelain enameled iron plumbing fixtures for use in homes, hospitals, schools, office buildings, and industrial plants, including sinks, bathtubs, lavatories, and special fixtures; also a complete line of boilers and radiators for steam and hot-water heating.

Crown China Co. W. K. Cronin
Minerva, Ohio

Manufacturers of semiporcelain dinnerware, colored-glaze dinnerware, ovenware, and refrigerator ware.

Crooksville China Co. Guy E. Crooks
Crooksville, Ohio

Producers of a high-grade line of semivitreous dinnerware since 1902; producing now two complete shapes in Ivory Bone body with many decorations and treatments; also Purity Bak-in ware for use in oven or refrigerator and direct table use.

Crossley Machine Co. William J. Harris
Trenton 9, N. J.

Manufacturers of a complete line of machinery for the making of general-ware pottery, sanitary pottery, electrical porcelain, high-tension insulators, crucibles, and floor and wall tile.

Crown Potteries Co. J. P. Wendt
Evansville 7, Ind.

Manufacturers of high-quality semivitreous decorated ware in plain and embossed shapes; decorations follow authentic styling, using overglazed decalcomania; advantageously located for the trade in the South, Southwest, Central, and Central West States.

Crunden Martin Mfg. Co. E. A. Schwarz
760 South 2nd St., St. Louis 2, Mo.

Manufacturers of enameled kitchen utensils, aluminum containers for small Army stoves, brass parts for Navy amphibious tanks, rocket assemblies for the Navy, galvanized tubs and pails, rubber fruit-jar rings, and various paper products.

Curtis Laboratories, Inc. T. S. Curtis
2719 Hyperion Ave., Los Angeles 27, Calif.

Since Pearl Harbor, the entire activities of this company have been confined to research and development work followed by production of critical military aviation optical instruments for the Army Air Forces, the Navy, and the Marine Corps.

Davis Fire Brick Co. D. D. Davis
Oak Hill, Ohio

Manufacturers of a complete line of all grades of fire-clay refractories in all shapes and sizes; also Sharon Brand silica brick manufactured by the hand mold and power press for open-hearth and electric furnaces, glass tanks, copper reverberatory furnaces, and coke ovens.

Demuth Glass Works, Inc., W. R. Schlehr
Parkersburg Div.
Box 629, Parkersburg, W. Va.

Manufacturers of blown and pressed glassware and lamp tubing; also pressed ware to individual specifications.

Denison Engineering Co. W. C. Denison, Jr.
1160 Dublin Rd., Columbus 16, Ohio

Manufacturers of oil-hydraulic movement and power equipment; car propellers, elevators, and transfer units with HydrOILic power and exact control; extrusion cylinders and power units for them; standard and special HydrOILic presses, and the Multipress, a completely self-contained 4-ton bench-type press.

Denver Sewer Pipe & Clay Co. W. J. Geddes
Box 2329, Denver 1, Colo.

Established in 1889, manufacturers of vitrified salt-glazed sewer pipe, wall coping and conduit, clay flue lining and fireproofing blocks, firebrick and special refractories, face brick, stiff-mud common brick, salt-glazed brick and hollow building tile, common structural clay tile, and structural face tile.

DeVilbiss Company E. F. Frey
Toledo 1, Ohio

Engineers and manufacturers of complete spray finishing equipment and dry and water-wash types of spray booths and exhaust systems specially designed for ceramic and porcelain plants.

Diamond Alkali Co., Development L. T. Welshans
Div.

Painesville, Ohio
Manufacturers of soda ash, caustic soda, bicarbonate of soda, liquid chlorine, carbon tetrachloride, silicate of soda, bichromate of soda, and precipitated calcium carbonates for paint, rubber, and industrial purposes; specialty cleansers for the laundry, dairy, and bottling trades.

Diamond Glass Co. J. R. Hanson
Royersford, Pa.

Manufacturers of beverage, food, pharmaceutical, and private mold products.

Dirats, J., & Co., Inc. J. Dirats
Notre Dame St., Westfield, Mass.

This company specializes in synthetic colloidal mineral and organic processes for the manufacture of abrasive, refractory, and insulating material; Dirats core binder for foundry use; completely equipped laboratories for analytical, metallurgical, spectrographic, and X-ray work.

Distillers Corporation, Ltd. Adalbert Herman
1430 Peel St., Montreal, Quebec, Canada
Producers of distilled spirits.

- Dixon, Joseph, Crucible Co.** H. P. Smith
Jersey City, N. J.
Producers of graphite products, including crucibles, pencils, paints, and lubricants.
- Dominion Minerals, Inc.** V. V. Kelsey
Piney River, Va.
Pioneer miners and refiners of apatite, a rock product consisting of silicates of aluminum, calcium, potassium, and sodium; used as a source of alumina for glass; also used in the manufacture of porcelain enamels, welding rods, and grinding wheels.
- Douglas, John, Co.** John F. Douglas
71st Street and B & O.R.R., Cincinnati 16, Ohio
Manufacturers of vitreous china water-closet bowls and tanks, lavatories, drinking fountains, urinals, and various hospital items.
- Drakenfeld, B. F., & Co., Inc.** Scott J. Courtney
45-47 Park Place, New York 7, N. Y.
Manufacturers of colors and coloring chemicals for glass, clayware, and porcelain enamels; decorating supplies; grinding and screening equipment.
- Duncan & Miller Glass Co.** James E. Duncan, 3rd
Washington, Pa.
Manufacturers of blown and pressed table glassware; blown tumblers and stemware; etchings; decorated novelties.
- Du Pont, E. I., de Nemours & Co., Inc.** S. C. Harris
Electrochemicals Dept., Wilmington, Del.
Manufacturers of a complete line of ceramic colors, including body stains, glaze stains, overglaze and underglaze colors, oxides for porcelain enamels, acid- and alkali-resistant glass colors for use on glass tableware and containers; precious metal decorations. A technically trained service staff is available for assistance in the use of these products.
- Eastern Clay Products, Inc.** N. J. Dunbeck
Eifort, Ohio
The largest producers of foundry bond clays in the United States, producing five different types of clay from five plants in four states; also producers of crucible and ceramic clays.
- Eastman Kodak Co.**
Research Library, Rochester 4, N. Y.
Manufacturers of film, sensitized paper, and photographic chemicals; cameras, projectors, and accessories; lenses, filters, and special optical equipment; synthetic fiber and a thermoplastic composition; and, during the war, precise instruments for the control of gunfire.
- Edgar Plastic Kaolin Co.** Albert C. Edgar
Metuchen, N. J.
Producers of a Florida kaolin that is used in all types of whiteware manufacture; very white firing and refractory, highly plastic, and strong in the dry state. A bulletin of properties and formulas is available.
- Electric Auto-Lite Co., Spark Plug Div.** Robert Twells
Fostoria, Ohio
Manufacturers in twenty-two plants of automotive equipment principally in the electrical, lighting, control, protection, and ornamentation fields; also automatic pilots and ammunition components. The Spark Plug Division makes principally automotive and aviation spark plugs, fabricating and assembling all components.
- Electro Refractories & Alloys Corp.** Grant S. Diamond
344 Delaware Ave., Buffalo 2, N. Y.
Manufacturers of Tercod crucibles for melting nonferrous metals; superrefractory linings for melting furnaces; silicon carbide slabs, posts, and other furniture for pottery kilns; high-temperature furnace cements; stopper heads for steel-pouring ladles; nonferrous alloys; resinoid grinding wheels.
- Engelhard, Charles, Inc.** A. W. Taber
90 Chestnut St., Newark, N. J.
Manufacturers of heat-measuring devices, including pyrometers and thermometers; gas-analysis apparatus.
- English China Clays Sales Corp.** D. E. Miller
551 Fifth Ave., New York 17, N. Y.
Importers and distributors of English clays for the pottery industry.
- Erie Resistor Corp.** Byron B. Minnick
644 West 12th St., Erie, Pa.
Manufacturers of carbon-composition resistors and radio interference suppressors, mica and ceramic dielectric capacitors, and molded plastic parts; all for use in radio, navigation, communication, and similar electronic equipment.
- Eureka Flint & Spar Co., Inc.** Herrel D. Throppe
Box 266, Trenton 2, N. J.
Suppliers of Eureka glaze feldspar, Eureka body feldspar, American sand flint, English flint, rock flint, English wall stone, and placing sand.
- Evans Lead Corp.** R. M. Evans
Box 1467, Charleston 25, W. Va.
Manufacturers of all types of red lead and litharge, fritted lead bisilicate, fritted lead monosilicate, and 300-mesh lead monosilicate. Detailed information on these products is available.
- Exolon Company** William A. Harty
Tonawanda, N. Y.
Manufacturers of silicon carbide (Carbolon) and fused aluminum oxide (Exolon) abrasives; also silicon carbide and fused aluminum oxide refractories in crude and ground form, graded to the requirements of the consuming industries.
- Fabrica de Ladrillos Industriales y Refractorios, S. A.** Salvador, Odriozola Gomez
Apartado 390, Monterrey, N. L., Mexico
Manufacturers of fire-clay brick, high heat-duty and silica brick, all standard and special shapes, refractory mortars, cast refractories, slag-lime brick, and hydraulic lime; also insulating brick and assay crucibles.
- Fairfacts Company, Inc.** M. P. Mitchell
Box 374, Trenton 3, N. J.
Manufacturers of a line of china bathroom accessories consisting of soap holders, toothbrush and tumbler holders, paper holders, towel bars, etc.
- Federal Glass Co.** Henry H. Blum
515 E. Innis Ave., Columbus 7, Ohio
Producers of glassware for domestic and hospital use including tumblers, tableware and kitchenware, stemware and lighting ware in a variety of shapes, colors, and physical characteristics.
- Federal Seaboard Terra Cotta Corp.** O. E. Mathias
Perth Amboy, N. J.
Producers of architectural terra cotta; ceramic specialized precast concrete slabs.
- Fenton Art Glass Co.** F. M. Fenton
Williamstown, W. Va.
Manufacturers of vases, flower bowls, candlesticks, hand-died baskets, vanity sets, candy boxes, and tableware in cased colors for home decoration and service; hand-died and other reproductions in peach crest, ruby overlay, blue overlay, blue overlay, and opalescent colors.
- Ferro Enamel Corp.** R. A. Worell
4150 East 56th St., Cleveland 5, Ohio
Manufacturers of Ferro frits for porcelain enamel finishing on metal products; Ferro color oxides to be used with frits and other enameling materials.
- and other enameling materials**
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Allied Engineering Division
pottery and clayware
- Ferro Enamels (Austrian)**
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furnaces and equipment
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- Fiberglas Canada, Ltd.**
Oshawa
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- Findlay Clay Products**
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refractories includin
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- Fletcher Enamel Co.**
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- Foot Mineral Co.**
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- Fostoria Glass Co.**
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ground and polished
- Frazier-Simplex, Inc.**
436 E.
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and other enameling materials. Designers and installers of porcelain enameling furnaces and plant layouts. The Allied Engineering Division offers the same services in the pottery and clayware fields.

Ferro Enamels (Australia) Pty., Ltd. R. M. Mueller
Bourke Rd., Alexandria, N.S.W., Australia
Manufacturers of frit and porcelain enameling materials. Suppliers to this industry, with engineering service for furnaces and equipment.

Ferro Engineering Co. Walter M. Charman
1208 Hanna Bldg., Cleveland 15, Ohio
This company sells and services the C&D Hot Top and advises on steel ingot and ingot handling problems. The C&D Hot Top increases yields, safeguards quality, cuts costs, and systematizes and modernizes operations.

Ferrosnalt, S. A. Antonio Orlando
Avenida 18, Julio 1202, Montevideo, Uruguay
Producers of electrical porcelain fittings and accessories such as light sockets, switches, and couplings; in the near future, glazed tile, porcelain tableware, and other ceramic products.

Fiberglas Canada, Ltd. L. C. Powell
Oshawa, Ontario, Canada
Fiberglas is glass in fiber form used as insulating material for all types of electrical, industrial, and construction uses, as well as in original equipment.

Findlay Clay Products Co. John L. Leech
Washington, Pa.
Manufacturers of vacuum cast tank blocks, refractories, and glassmelting pots usually high in silica; high-alumina refractories including sillimanite; specialists in complicated and large shapes.

Fletcher Enamel Co. J. Carroll Fletcher
Dunbar, W. Va.
Manufacturers of a complete line of porcelain enameled kitchenware.

Flote Mineral Co. H. C. Meyer
1609 Summer St., Philadelphia 3, Pa.
Manufacturers, processors, and suppliers of barium, beryllium, cerium, lithium, manganese, strontium, zirconium chemicals, and ores; also chromite, natural iron oxides, fused silica, ground glass and porcelain, pyrites, titanium ores, and pure refractory oxides. Custom grinding service.

Fords Porcelain Works I. A. Hansen
Perth Amboy, N. J.
Manufacturers in porcelain of kitchen sinks, laundry trays, animal stalls, bathtubs, and like items; in vitreous china toilet bowls and tanks, lavatories, and urinal stalls.

Forbes Glass Co. F. R. Motsch
Marion, Ind.
This company and its predecessor companies since 1848 are specialized in the manufacture of quality containers in flint glass only. The major lines are toilets, cosmetics, prescription, foods, catsup, liquor, wines, beers, and beverages.

Fortoria Glass Co. W. F. Curtis
Moundsville, W. Va.
Manufacturers of handmade blown and pressed tableware and decorative glassware. Distribution is made through selected retailers in all principal cities and towns.

Franklin Glass Corp. A. L. Pasquier
Box 150, Butler, Pa.
Manufacturers of polished plate glass of largest sizes, bent glass in all sizes, structural and colored plate glass, and ground and polished spectacle glass.

Frazier-Simplex, Inc. C. E. Frazier
436 E. Beau St., Washington, Pa.
Contracting and consulting engineers specializing in the erection and operation of equipment for ceramic plants,

including glass tanks, furnaces, batch plants, driers, producer-gas plants, lehrs, fuel-oil systems, and factory buildings; also designs and appraisals.

French Saxon China Co. W. V. Oliver
Sebring, Ohio
Manufacturers of dinnerware for home use in four exclusive shapes and one hundred decorations.

Fulper Pottery Co. J. M. Stangl
Trenton 4, N. J.
Manufacturers of vitrified porcelain raschig rings which are used in the chemical industry in connection with acid towers; also decorated underglaze dinnerware under the trade name Stangl Terra Rose.

Funkhouser Company E. H. Nichols
138 W. Washington St., Hagerstown, Md.
Miners and manufacturers of natural slate and stone roofing granules, treated at high temperatures with fluxing materials, frits, glazes, and coloring oxides to produce more intense colors, for use in surfacing composition roofing.

Garco Products, Inc. N. S. Garbisch
Box 351, Butler, Pa.
Manufacturers of Garspar, an intimate mixture of chemically and mechanically processed pulverized silica and glass for use in vitreous and semivitreous ware, and Garsand, a specially formed siliceous product designed for use in all types of glass batches.

Garfield Refractories Co. Kenneth A. Rugh
Bolivar, Pa.
Manufacturers of Acme, Garfield, Garnite, IXL, and Walbro firebrick; Corstex superduty firebrick; and Balgar 50% alumina and Balgar 60% alumina refractories.

Gayner Glass Works John M. Gayner
Salem, N. J.
Manufacturers of a general line of machine-made bottles in flint glass (medicinal, pharmaceutical, food, and general purpose). Also specialists in large ware, including carboys, acid containers, and battery jars and covers.

General Ceramics Co. Fred A. Whitaker
Keasbey, N. J.
The Chemical Equipment Division of this company manufactures stoneware and porcelain equipment for the chemical industry and provides engineering service for the design and construction of plants. The Steatite Division manufactures insulators for the electronics industry, and the Carillon Ceramics Corporation, a subsidiary, manufactures sanitary porcelain and vitreous china.

General Color & Chemical Co. Harry J. Keener
Sebring, Ohio
Distributors of potter's colors and frits.

General Electric Co., Pitney Glass Works W. S. Kahlson
Nela Park, Cleveland, Ohio
Manufacturers of glass bulbs, clear and inside frosted, for incandescent lamps and electronic tubes; tubing for lamp and tube parts, lumiline and fluorescent lamps; glass parts for sealed-beam lamps; opaque and clear quartz tubing and cane.

General Refractories Co. Russell P. Heuer
1600 Real Estate Trust Bldg., Philadelphia 7, Pa.
Manufacturers of refractories with twenty-two plants operating in ten states; products include fire-clay, silica, magnesite, and chrome brick and acid, neutral, and basic bulk refractories; offices in all large cities.

George, W. S., Pottery Co. W. S. George
East Palestine, Ohio
Manufacturers of plain and fancy dinnerware in white, canarytone, and colored glazes; monogram sets with black, blue, and green initials. Plants in East Palestine, Ohio, and Canonsburg, Pa.

Georgia Kaolin Co. Wharton Jackson
433 N. Broad St., Elizabeth 3, N. J.
Producers of clay for the ceramic industry since 1901 at Dry Branch, Ga. One of the first American kaolins to successfully replace imported china clays. Pioneer washed clay is widely used in whiteware and in special refractories.

Gillinder Brothers, Inc. J. Fletcher Gillinder
Port Jervis, N. Y.
Normally manufacturers of all glass forms designed to collect, distribute, direct, refract, reflect, and/or diffuse light from any electrical source; instrument covers; kitchen mixing sets; specialties of crystal, opal, translucent, and colored glassware; for the war, spectrophotometrically controlled colored glass.

Gladding, McBean & Co. F. A. Walsh
Lincoln, Placer County, Calif.
Manufacturers of ceramic products of every description ranging from fine dinnerware to heavy clay structural products.

Gleason-Tiebout Glass Co. C. H. Tiebout
59 54th St., Maspeth, N. Y.
Manufacturers of glass globes, balls, bowls, cylinders, and shades in many qualities, colors, and textures for lighting equipment for highways and buildings; war manufacturers of Fresnel lenses for the Navy and glass for Army camps, hospitals, and administration buildings.

Glenboig Union Fireclay Co., Ltd. Alexander McKendrick
The Laboratory, Star Works, Glenboig, Lanarkshire, Scotland
Manufacturers of high-grade firebrick, refractory cements, etc.; firebrick brands: 42% Al_2O_3 , Glenboig Special, 38% Al_2O_3 , Glenboig, and 34% Al_2O_3 Gem.

Glenshaw Glass Co., Inc. George W. Meyer
Glenshaw, Pa.
Manufacturers of glass containers for beer, liquors, and wines; packers; preservers; narrow-neck and wide-mouth bottles.

Globe Brick Co. S. C. Porter
East Liverpool, Ohio
Manufacturers of firebrick, ladle brick, and producers of fire clay.

Goldscheider Everlast Corp. W. F. Goldscheider
280 Third St., Trenton 10, N. J.
Manufacturers of china figurines, animals, madonnas, and hand-painted pottery; showroom at 225 Fifth Ave., New York, N. Y.

Great Lakes Foundry Sand Co. C. L. Cruikshank
720 United Artists Bldg., Detroit, Mich.
Exclusive sales agents for the American Nepheline Corporation, miners and processors of Lakefield nepheline syenite, used as a flux in pottery or as a source of aluminum oxide in glass and enamel. Other products include placing sand, fire clay, flint, bentonite, and prepared low-temperature bodies.

Great Lakes Steel Corp. Conrad W. Given
Ecorse, Detroit 18, Mich.
A Division of the National Steel Corporation, makers of Michigan Metal, widely used in many products as a base for porcelain enamel.

Green, A. P., Fire Brick Co. R. S. Bradley
Research Dept., Mexico, Mo.
Manufacturers of a complete line of fire-clay brick, including high alumina, super duty, high heat duty, and intermediate duty; refractory specialties including mortars, plastics, castables, coatings, and industrial insulation; also insulating firebrick.

Grindley Artware Mfg. Co. A. K. Grindley
Box 166, Sebring, Ohio
Manufacturers of china figurines, animals, and statuary.

Haeger Potteries, Inc. E. H. Haeger
Dundee, Ill.
Manufacturers of a line of flower bowls, vases, fruit bowls, and figurines; a large number of planter items for florist use; war work equipping barracks and officers' quarters.

Hall China Co. M. W. Thompson
East Liverpool, Ohio
Manufacturers of a complete line of plain and decorated teapots, casseroles, bowl sets, and other cooking and serving porcelain articles; also a small line of decorated semi-vitreous dinnerware and soda-fountain jars.

Hamilton Potteries, Ltd. H. Redshaw
100 Locke St., S., Hamilton, Ontario, Canada
Specialists in the manufacture of dry-press electrical porcelains for wiring devices, pole line insulators, transformer bushings; refractory plates and element holders for heating units; other special pieces to customers' specifications.

Hampden Grinding Wheel Co. G. S. Emerson
118 Fisk Ave., Springfield 7, Mass.
Incorporated in 1886 under the name of the Hampden Corundum Wheel Company; now specialists in the manufacture of grinding wheels used largely in the heavy goods industry.

Hancock Brick & Tile Co. J. Leo Child
Findlay, Ohio
Manufacturers of common brick and drain tile.

Hanley Company. J. Clair Peck
Summerville Pa.
Operators of modern tunnel-kiln plants at Summerville and Lewis Run, Pa., producing buff, gray, and red face brick, face tile, glazed brick and tile, quarry tile, acid brick, and floor brick.

Hanovia Chemical & Mfg. Co. W. Richl
Chestnut St. and N.J.R.R. Ave., Newark 5, N. J.
Producers of bright and burnished gold, platinum, palladium, and silver in liquid, paste, and powder form and luster colors and stains for decorating pottery and glass; also ceramic precious metal coatings for current-carrying purposes and hermetic sealing.

Harbison-Walker Refractories Co. Kenneth Seaver
1800 Farmers Bank Bldg., Pittsburgh 22, Pa.
Producers of fire-clay, superduty fire-clay, high-alumina, silica, magnesite, chrome, and forsterite brick, acidproof brick, insulating firebrick and bulk insulation, fire clays, silica clays, special furnace chrome, furnace magnesite, dead-burned grain magnesite, high-temperature bonding mortars, ramming mixtures, plastic firebrick, and castables.

Hardinge Co., Inc. Harlowe Hardinge
York, Pa.
Manufacturers of conical or cylindrical ball or pebble mills; tube, rod, batch ball, and pebble mills; driers; rotary kilns; air classifiers for ball and pebble mills; wet classifiers; agitators; thickeners; constant-weight volumetric feeders; scrubbers; rotary tubular conveyers; diaphragm sludge pumps; and Electric Ear for automatic mill-feed control.

Harker Pottery Co. Robert E. Boyce
East Liverpool, Ohio
Continuously in business since 1840, this company now produces decorated dinnerware, ovenware, and juvenile goods at its plant located at Chester, W. Va. Post office address, East Liverpool, Ohio.

Harshaw Chemical Co. D. G. Pierce
1945 East 97th St., Cleveland, Ohio
Producers and distributors of chemicals and colors for all branches of the ceramic industry.

Hartford-Empire Co. F. Goodwin Smith
Box 1620, Hartford 1, Conn.
The inventions, developments, equipment, and engineering service of this company have long been an important fac-

tor in improving the quality of glassware. Its automatic stackers, and lehrs are widely

Haviland, Theodore, & Co., Inc.
26 West 23rd St., N. Y. C.
Manufacturers and distributors of ware.

Haws Refractories Company
2128 Farmers Bank Bldg., N. Y. C.
Manufacturers of firebrick, fireclay, and silica refractories.

Hazel-Atlas Glass Co.
319 S. Main St., N. Y. C.
Manufacturers of packers' ware, fruit jars and caps, jelly decorated ware, and metal

Heisey, A. H., & Co. Newa
Manufacturers of rock crystal fine table glassware, candles, and sculptured glass, all glass for the table and home.

Higman, John W., Co.
24 State St., N. Y. C.
Importers of English china for all branches of the ceramic industry. Manufacturers of Superduty aluminum oxide for the refractory also Hitex grinding cubes and

Holophane Co., Inc.
342 Madison Ave., N. Y. C.
Manufacturers of scientific, commercial, industrial, institut utilizing pressed prismatic ing efficient operation with commercial and research d mers.

Home Aid Construction Co.
527 Society for Saving
Specialists in tile work for basement waterproofing, building of home interiors recreation rooms, and ind

Hommel, O., Co.
209 4th Ave., N. Y. C.
Producers of colors and ceramic industry; clays; frit of all types; chemi decorating supplies; and

Houze, L. J., Convex Glass Co.
Point
Manufacturers of micro and bent blanks; micro flashed sheet glass for X-ray sheet glass for filters and pass bowls and mirror glass specialties; lamp p

Hull, A. E., Pottery Co., Inc.
Crown
Producers of art pottery been withdrawn from dates can be offered; a basis. New conceptions

Ideal Tooth, Inc.
90 Hamilton St., N. Y. C.
Incorporated in 1917, the teeth which are used b over the world.

for in improving the quality and lowering the cost of glassware. Its automatic feeders, forming machines, stackers, and lehrs are widely used.

Haviland, Theodore, & Co., Inc. Theodore Haviland II
26 West 23rd St., New York 10, N. Y.
Manufacturers and distributors of fine American dinnerware.

Haws Refractories Company E. E. Slick, Sr.
2128 Farmers Bank Bldg., Pittsburgh 22, Pa.
Manufacturers of firebrick, foundry refractories, hot tops, and silica refractories.

Hazel-Atlas Glass Co. Francis C. Flint
319 S. Main St., Washington, Pa.
Manufacturers of packers', preservers', and druggists' ware, fruit jars and caps, jelly glasses, tableware, tumblers, decorated ware, and metal closures.

Heisey, A. H., & Co. T. C. Heisey
Newark, Ohio
Manufacturers of rock crystal stemware, etched ware, fine table glassware, candlesticks and candelabras, figurines and sculptured glass, all-glass cocktail shakers; everything for the table and home.

Higman, John W., Co. Robert J. Stone
24 State St., New York 4, N. Y.
Importers of English china clays and English ball clays for all branches of the ceramic and paper industries. Manufacturers of Superundum silicon carbide and Oxalum aluminum oxide for the refractory and abrasive industries; also Hitex grinding cubes and mill-lining blocks.

Holophane Co., Inc. Charles Franck
342 Madison Ave., New York 17, N. Y.
Manufacturers of scientific lighting equipment for commercial, industrial, institutional, and street installations, utilizing pressed prismatic glass to provide control, affording efficient operation with no permanent depreciation; commercial and research departments for service to customers.

Home Aid Construction Co. H. K. Brown
527 Society for Savings Bldg., Cleveland 14, Ohio
Specialists in tile work for home modernization and repair, basement waterproofing, cement drives and walks, rebuilding of home interiors, installation of attic rooms and recreation rooms, and industrial heavy-duty mastic floors.

Hommel, O., Co. E. M. Hommel
209 4th Ave., Pittsburgh 30, Pa.
Producers of colors and oxides for all branches of the ceramic industry; clays; pottery frit and porcelain enamel frit of all types; chemicals; supplies and equipment; decorating supplies; and powdered metals.

Houze, L. J., Convex Glass Co. Roger J. Houze
Point Marion, Pa.
Manufacturers of microquille and coquille goggle lenses and bent blanks; microscopic cover glass; welding glass; flashed sheet glass for X-ray and radar equipment; colored sheet glass for filters and signal equipment; aviation compass bowls and mirror blanks; Fresnel lenses; pressed-glass specialties; lamp parts; and convex glass shapes.

Hull, A. E., Pottery Co., Inc. Gerald F. Watts
Crooksville, Ohio
Producers of art pottery and kitchenware, the latter having been withdrawn from display until more definite shipping dates can be offered; all other ware now on an allocated basis. New conceptions are ready for the postwar market.

Ideal Tooth, Inc. Martin Myerson
90 Hamilton St., Cambridge 39, Mass.
Incorporated in 1917, this company manufactures artificial teeth which are used by civilians and the armed forces all over the world.

(1945)

Illinois Clay Products Co. O. L. Jones
214 Barber Bldg., Joliet, Ill.
Producers of Goose Lake plastic fire clays and firebrick and Therm-O-Flake high-temperature insulation products; specialists in bond clays for foundry requirements.

Illinois Water Treatment Co. W. S. Morrison
Rockford, Ill.
Manufacturers of water-treatment equipment of the resinous ion-exchange type by which hard water for ceramic purposes is rendered pure and free of dissolved solids.

Imperial Glass Corp. C. J. Uhrmann
Bellaire, Ohio
Established in 1903, this company manufactures the nationally famous handmade Candlewick and Cape Cod crystal tableware; continuous, day-tank, and pot melting; 650 employees; nationwide and export trade; progressive postwar plans ready for action.

Indiana Glass Company Charles L. Gaunt
Dunkirk, Ind.
Makers of a line of machine- and hand-made tableware, together with lenses for tanks and jeeps, including ruby; vaporproof globes; soda-fountain items; and, in normal times, refrigerator trays, automobile lenses, and mixing bowls; all pressed-glassware items.

Industrial Ceramic Products, Inc. W. E. Cramer
965 W. Fifth Ave., Columbus 8, Ohio
Manufacturers of pins, stilts, cone plaques, and specialties; pins are made by improved patented process which insures solid, clean, and proper contact points.

Industrial Filter Sack Co. Hugh Nile
Wellsville, Ohio
Manufacturers of filter sacks, industrial aprons, and clay covers.

Ingram-Richardson Mfg. Co. of Indiana, Inc. C. P. Scripture
Frankfort, Ind.
Peacetime activities: manufacturers of Porcelfrits and Porceliron table tops, sink tops, sink bowls, stove parts, chimney flues, and specialties; wartime activities: fabrication and assembly of aircraft parts and fabrication and heat-treating of armor plate.

Inland Fire Brick Co. George S. Davies
3120 Berea Rd. at Elmwood Ave., Cleveland 11, Ohio
Producers of fire clay under the names Inland Blue and Pierpont, high-temperature mortars under Brix trademarks, and plastics.

International Clay Machinery Co. R. H. McElroy
1145 Bolander Ave., Dayton 1, Ohio
Manufacturers of Vac-Aire pottery pug mills and heavy clay product extrusion machines; laboratory Vac-Aire experimental machines; complete clayworking equipment for brick, tile, and pottery, including kiln cars.

International Smelting & Refining Co. W. M. Weathers
577 Malvern Rd., Akron 3, Ohio
Manufacturers of all grades of zinc oxide and white lead carbonate; special grades of white lead carbonate for the ceramic industry.

Ironton Fire Brick Co. E. F. Myers
707 Carolina Life Bldg., Box 1324, Columbia, S. C.
This company has served the metallurgical, chemical, coke, and glass industries, as well as a number of railroads, for more than twenty-five years with high-quality Kentucky clay refractories; also refractory cements, plastic refractories, and siliceous ramming refractories; general offices, Ironton, Ohio.

Isolantite, Inc. George W. Hawkins
343 Cortlandt St., Belleville 9, N. J.
Producers of a wide variety of steatite insulators extensively used in the radio, radar, communications, and electrical industries; also, in their Radio Specialties Depart-

ment, complete antenna assemblies, feed systems, and coaxial cable.

Johns-Manville Sales Corp. J. C. Crawford, Jr.
22 East 40th St., New York 16, N. Y.

Producers of insulating firebrick, refractory products, insulating blocks, and pipe covering; other insulating materials for all temperatures and service conditions; building materials; packings; friction materials; Transite pipe; fillers; and filter aids. Services of contracting organizations are available to apply insulation.

Johnson Glass Co. William Garland
5248 Elston Ave., Chicago 30, Ill.

Manufacturers of lenses for signal and warning equipment, pilot lights, and switchboards; reflector lenses for trucks and busses; head-lamp, tail-lamp, and clearance-lamp lenses; private mold work in pressed glass of all colors.

Jones Metal Products Co. Frank E. Jones
West Lafayette, Ohio

Manufacturers of porcelain enameled kitchenware and hospital ware.

Jova Brick Works J. L. Jova
Roseton, N. Y.
Producers of common brick.

Kentucky Clay Mining Co. W. J. Watkins
Mayfield, Ky.

Suppliers for the past twenty-five years of ball clays, sagger clays, and wad clays to leading plants in the United States, Canada, and Mexico; ceramic engineer available for consultation.

Kentucky-Tennessee Clay Co., Inc. R. C. Meeker
807 City Savings Bldg., Alliance, Ohio

Miners and shippers of ball, sagger, wad, enamel, and plastic fire clays; numerous grades are produced from mines in West Kentucky, West Tennessee, and Mississippi; available in lump, disintegrated, and air-floated form.

Kerr, Alexander H., & Co., Inc. C. H. Hubbard
Sand Springs, Okla.

Plants at Huntington, W. Va., Sand Springs, Okla., and Santa Ana, Calif.; manufacture fruit jars, jelly glasses, and home-canning closures; also packers' ware.

Kimble Glass Co. M. A. Eddy
Vineland, N. J.

Manufacturers of glass containers for chemical, dairy, clinical, and pharmaceutical use; laboratory glassware; rods; tubing.

Knight, Maurice A. M. A. Knight, Jr.
Box 111, Akron 9, Ohio

Acidproof chemical equipment manufactured exclusively, including a full line of chemical stoneware pieces such as piping, valves, acid jars, and functional units designed and built with proper materials; pickling tanks, acid concentrators, and obnoxious-fume absorbers; also several synthetic resins to conserve critical materials.

Knowles, Edwin M., China Co. J. W. Hepplewhite
Newell, W. Va.

Manufacturers of semivitreous dinnerware and cooking ware in six different shapes, both in white and colored glazes and decorated patterns; cooking ware is known as Knowles Utility Ware.

Knox Glass Associates, Inc. R. R. Underwood
Knox, Pa.

Suppliers of glass containers in amber and flint glass in all sizes up to and including gallons; affiliated manufacturing plants are located at Knox, Marienville, Oil City, Parkers Landing, Sheffield, and Pittsburgh, Pa.; Lincoln, Ill.; Jersey City, N. J.; Jackson, Miss.; and Palestine, Tex.

Knox Glass Bottle Co.

Knox, Pa.

Manufacturers of a complete line of glass containers in the Knox organization, with this particular plant specializing in bleach bottles and beverage and liquor bottles.

Kohler Company

Kohler, Wis.

Manufacturers of cast-iron plumbing ware, vitreous china plumbing ware, closet seats, brass plumbing fittings, and electric generating sets.

Kolene Corporation

J. H. Shoemaker
315 Boulevard Bldg., Detroit 2, Mich.

Suppliers of a process for preparing ferrous metals for applying ceramic coatings; one process for rolled stock, another for scaled, rusted, or cast stock; fewer operations and less space are required than for conventional cleaning operations.

Kopp Glass, Inc.

C. E. Leberknight

Box 8255, Swissvale, Pittsburgh 18, Pa.

Producers of hand-pressed and blown ware to customer specifications; glass for railroad, traffic, and military signaling devices; heat-resisting and colored glassware for floodlighting and airplane and airport equipment; visible absorbing ultraviolet and infrared transmitting glasses; special items for stage and display lighting.

Koppers Co., Inc., Research Div.

Carl D. Ulmer

945 Koppers Bldg., Pittsburgh 19, Pa.

Designers, builders, and operators of byproduct-coke and gas plants; producers of coke, gas, ammonium sulfate, pyridine, naphthalene, benzene, toluene, xylenes, solvent naphtha, phenol and other tar acids and bases, creosote oil, fungicidal sulfur, paving tar, pitches, and tar-base paints; piston rings and airplane propellers; wood preservatives, poles, and ties.

Kraftile Company

Niles, Calif.

C. W. Kraft

Manufacturers of structural clay products and acid brick; distributors in the West of special construction products. "Kraftile for special construction problems."

Laclede-Christy Clay Products Co.

W. F. Godejohn

1711 Ambassador Bldg., St. Louis 1, Mo.

Founded in 1844, manufacturers of a complete line of fire-clay refractories, including firebrick, special shapes, glass-house refractories, arch and wall tile, refractory specialties, and vitrified clay products.

Lancaster Iron Works, Inc.

Frank A. Fix

Lancaster, Pa.

Manufacturers of Lancaster counter-current rapid batch mixers and the Arnold-Creager and Martin line of brick-making machinery; plate and pipe work; refining equipment, asphalt plants, rotary kilns and driers, furnaces, industrial waste treatment plants and concrete forms. Fabricating, foundry, and machine-shop facilities.

Lancaster Lens Company

H. G. Crumbaker

220-226 W. Main St., Lancaster, Ohio

Manufacturers of pressed, blown, and bent glassware in crystal and colors; semiprecision optical lenses and technical glass parts; reflectors for floodlights; automobile, aviation, and railway glassware.

Lapp Insulator Co., Inc.

K. E. Stettinius

Le Roy, N. Y.

Manufacturers of vitreous porcelains for power transmission, radio, electronic, and chemical industries; complete associated assemblies; feldspathic and steatite ceramics and others especially compounded for the intended application.

Latchford-Marble Glass Co.

Baird Marble

Box 4707, Florence Branch, Los Angeles 1, Calif.

Manufacturers of glass jars and bottles for all purposes from 4-oz. to gallon capacity, inclusive; made in flint, green, and amber colors.

Laughlin, Homer, Chi

Manufacturers of Fie colored glazes; Fie Kitchen Kraft cooking ware in the regular di

Laurens Glass Works

Manufacturers of glas industries.

Lava Crucible Co. of

627 Wabash

Manufacturers of cruc refractories, such as conium silicate, and n high-temperature cer.

Lee Clay Products C

Manufacturers of th also firebrick and d clay for the manufa clay for firebrick.

Libbey Glass, Div. o

Glass Co.

Manufacturers of ha stemware, and oth etched, and color d silicate glass for indu

Libbey-Owens-Ford

1701 E.

One of the world's including Thermopa glass, Tuf-flex temp bullet-resisting, and

Liberty Glass Comp

317

Producers of milk a

Lisk Manufacturing

Manufacturers of kitchen utensils, g tinware, poultry su

Locke Insulator Co

B

Manufacturers and cal, thermal, mecha insulators, hardwa electronic insulator chemical porcelain "clayramic" bodie

Louisville Fire Bri

4554 Loc

Manufacturers of famous Carter Co cated at Louisville

Louthan Manufac

Manufacturers of lain as follows: appliance porcelain parts; pins, stils,

Lynch, A. J., & C.

2424-30 En

Sales representati of the products of Co. (zinc oxide), and the Harshaw etc.).

- H. Levis
Manufacturers in the specializing
- J. Kohler
Manufacturers of vitreous china fittings, and
- boemaker
Manufacturers of metals for lead stock operations and cleaning
- berknight
Manufacturers of customer military glassware equipment, transmitting
- D. Ulmer
Manufacturers of coke and sulfate, solvent, asbestos oil, use paints, servatives,
- W. Kraft
Manufacturers of acid brick products.
- Godejohn
Manufacturers of fine of fire-bricks, glass-specialties,
- ank A. Fix
Manufacturers of rapid batch of brick-making equip-furnaces, te forms.
- rumbaker
Manufacturers of glassware in and tech-automobile,
- Stettinius
Manufacturers of transmiss-complete amics and application.
- rd Marble
Manufacturers of Calif. purposes in flint,
- Laughlin, Homer, China Co.
Newell, W. Va.
Manufacturers of Fiesta, Harlequin, and Riviera ware in colored glazes; Fiesta Kitchen Kraft and decorated Kitchen Kraft cooking ware; eggshell semivitreous china-ware in the regular dinnerware lines.
- Joseph Wells
E. D. Easterby
Laurens Glass Works, Inc.
Laurens, S. C.
Manufacturers of glass containers for the food and beverage industries.
- Furman South, Jr.
627 Wabash Bldg., Pittsburgh 22, Pa.
Manufacturers of crucibles of graphite and of the crystalline refractories, such as silicon carbide, aluminum oxide, zirconium silicate, and mullite; refractory shapes for furnaces; high-temperature cements.
- Martin S. Bowne
Clearfield, Ky.
Manufacturers of the usual line of sewer-pipe products; also firebrick and drain tile. Shippers of high-alumina clay for the manufacture of aluminum sulfate and flint clay for firebrick.
- H. R. Black
Libbey-Glass, Div. of Owens-Illinois Glass Co.
Toledo 1, Ohio
Manufacturers of handmade and machine-made tumblers, stemware, and other table glassware, including plain, etched, and color decorated; also lead, lime, and borosilicate glass for industrial use, including bulbs and tubing.
- George B. Watkins
1701 E. Broadway, Toledo, Ohio
One of the world's largest manufacturers of flat glass, including Thermopane insulating glass, Vitrolite structural glass, Tuf-flex tempered, plate, window, heat-absorbing, bullet-resisting, and automobile and aircraft safety glasses.
- George F. Collins, Jr.
Liberty Glass Company
317 E. Lee, Sapulpa, Okla.
Producers of milk and beverage bottles.
- Ashley F. Wilson, Jr.
Lisk Manufacturing Co., Ltd.
Canandaigua, N. Y.
Manufacturers of a complete line of porcelain enameled kitchen utensils, galvanized ware, household and dairy tinware, poultry supplies, and decorated metalware.
- J. M. Gilfillan
Locke Insulator Corp.
Box A, Baltimore, Md.
Manufacturers and distributors of "clayramics" for electrical, thermal, mechanical, and chemical applications; power insulators, hardware, and associated materials; radio and electronic insulators; telephone and telegraph insulators; chemical porcelain and pipe; mill balls and linings; special "clayramic" bodies and designs.
- Louis Ernst
Louisville Fire Brick Works, Inc.
4554 Louisville Ave., Louisville 9, Ky.
Manufacturers of a complete line of refractories using the famous Carter County, Ky., clays; producing plants located at Louisville, Ky., and Grahn, Carter County, Ky.
- William B. Louthan
Louthan Manufacturing Co.
East Liverpool, Ohio
Manufacturers of steatite, refractory, and electrical porcelain as follows: gas backwalls and radiants; electrical-appliance porcelain; steatite resistor tubes; steatite pressed parts; pins, stilts, firing racks, and setters.
- W. W. Cadwallader
Lynch, A. J., & Co.
2424-30 Enterprise St., Los Angeles 21, Calif.
Sales representatives in California to the ceramic industry of the products of such firms as the New Jersey Zinc Sales Co. (zinc oxide), the Anaconda Sales Co. (dry white-lead), and the Harshaw Chemical Co. (colors, ceramic chemicals, etc.).
- Benjamin Mallinger
Mallinger, Samuel, Co.
1855 Forbes St., Pittsburgh 19, Pa.
Distributors of glass containers for the medicinal trade.
- H. A. Hoare
Mansfield Sanitary Pottery, Inc.
Perryville, Ohio
Manufacturers of vitreous china plumbing fixtures and specialties.
- Clarence R. Deible
Marienville Glass Co.
Marienville, Pa.
A Pennsylvania corporation organized in 1914; a manufacturing unit of Knox Glass Associates, Inc.; manufacturers of flint and amber-glass containers varying in capacity from a fractional ounce to one gallon; also flint pressed ware.
- F. Weyburne
Marshall-Eclipse Div. of Bendix Aviation Corp.
Box 538, Troy, N. Y.
Manufacturers of brake lining.
- L. C. Roche
Maryland Glass Corp.
2143 Wicomico St., Baltimore 30, Md.
Manufacturers of blue and flint-glass containers for the perfume, pharmaceutical, and food-packing industries; all operations are fully automatic.
- R. F. Grady, Jr.
Mason City Brick & Tile Co.
Mason City, Iowa
Manufacturers of structural clay tile, including smooth and textured face tile, backup, partition, and floor tile; radial chimney brick; common brick; face brick; 2- by 12-inch drain tile; silo tile; and mortar-mix.
- Elwyn L. Maxson
Maxson, Elwyn L.
1526 Canada Blvd., Glendale, Calif.
Distributors of pottery clays; ceramic colors; slabs, setters, and saggars; standard pyrometric cones; Frantz FerroFilters; Lakefield nepheline syenite.
- R. R. Hendren
McFeely Brick Company
816 Ligonier St., Latrobe, Pa.
Manufacturers of high-quality silica brick. In serving the steel industry for more than forty years, Vulcan brick has established many records and a reputation for dependable refractory service.
- M. M. McHose
McHose, L. H., Inc.
Box 345, Perth Amboy, N. J.
For more than 100 years L. H. McHose and the Such Clay Co. have produced crude and washed ball clays, terra cotta, fire clays, and sagger clays; special sagger mixture for high and low temperatures; research laboratory and engineering department.
- Gerald Terrill
McKee Glass Co.
Jeannette, Pa.
Manufacturers of heat-resisting Glasbake ovenware, Range-tec top-of-the-stove ware, kitchenware, tableware, automobile lenses, chemical glassware, and special mold work.
- J. P. Irwin
McKee, Arthur G., & Co.
2300 Chester Ave., Cleveland 1, Ohio
Designers and constructors of beneficiation plants for treating iron ore; blast-furnace plants; steel plants; oil refineries for the manufacture of all forms of petroleum products; consulting work; investigations of manufacturing facilities and operations in the iron and steel and petroleum-refining industries.
- W. A. Turner
McLain Fire Brick Co.
1239 Gulf Bldg., Pittsburgh 19, Pa.
Manufacturers of quality refractories. Specialists in pouring-pit refractories, including Dando dry-press and Champion wire-cut ladle brick, McLain refractory hot top, sleeves, nozzles, runners, refractory ingot-mold plugs, and fire clay.

McLeod & Henry Co., Inc. Edward J. Molloy
357 First St., Troy, N. Y.
Producers of boiler and industrial furnace refractories, including Steel Mixture brand fire-clay refractories, Carbox silicon carbide superrefractories, and Hyex Missouri super-duty fire-clay refractories; established 1825; branch offices, New York and Boston.

Medalta Sales B. C. Reg'd. B. A. Cunliffe
29 W. Pender St., Vancouver, British Columbia, Canada

Manufacturers of stoneware, yellowware, artware, and heavy white tableware for commissary and hotel use.

Metal & Thermit Corporation George C. Betz
120 Broadway, New York 5, N. Y.

Manufacturers of a complete line of ceramic opacifiers, including sodium antimonate, antimony oxide, and milled zircon for enamels and tin oxide and Ultrox for use in ceramic glazes; laboratory staff available for consultation in the use of opacifiers.

Metalloy Corporation Walter M. Fenton
1320 Rand Tower, Minneapolis 2, Minn.

Specialists in lithium salts; this company produces on a large scale at its Minneapolis plant. Ores are obtained from own deposit in the nearby Black Hills; salts now in production are lithium carbonate, chloride, fluoride, and hydroxide.

Mexicana de Refractorios Jan O. Knizek
A. P. Green, S. A., Cia
Av. Ferrocarriles Nacionales 200 APDO, Postal 1402, Mexico, D. F., Mexico

This company was founded recently, and the plant is now under construction. It will produce a complete line of refractories from high heat-duty to the 80% alumina quality.

Mexicana de Tubos de Albañal, Jan O. Knizek
S. A., Cia.
Av. Ferrocarriles Nacionales 200, Mexico, D. F., Mexico

Mexico's largest clay product plant producing firebrick, insulating firebrick, and high-temperature bonding mortars; also sewer pipe, face brick, and roofing tile; three oil-fired tunnel kilns with monthly output of about 5000 long tons.

Mexico Refractories Co. C. A. Smith
Mexico, Mo.

Producers of a complete line of high-quality Missouri refractories: high-alumina, super-duty, high heat-duty, and intermediate heat-duty firebrick; insulating firebrick; high-temperature bonding mortars, cements, castables, and coating materials; plastic firebrick; insulating firebrick cements; silica-base cements and chrome-base cements.

Mississippi Glass Co. R. D. Humphreys
200 Fifth Ave., New York 10, N. Y.
Manufacturers of flat glass.

Mitchell Clay Mfg. Co. W. F. Knoesel
5627 Manchester Ave., St. Louis 10, Mo.
Manufacturers of firebrick, glass-tank blocks, foundry refractories, and refractory materials.

Moler Products, Ltd., Hythe Works W. J. Shaw
Colchester, Essex, England
Manufacturers of Fosasil heat-insulating materials, a range of diatomaceous earth products for temperatures up to 900°C.; "1100" insulating refractories for intermediate temperatures; also brick, slabs, aggregates, and powders.

Moore Enameling & Mfg. Co. Walter B. Moore
West Lafayette, Ohio
Before the war, producers of porcelain enameled cooking utensils, including the exclusive Marblart line. Engineering and fine precision work on war materials have de-

veloped a new line, Porcelanart utensils, produced by hydraulic extrusion, with scientifically designed bottoms for high heat conductivity and low fuel requirements; method patented.

Moore & Munger Murray Rushmore
33 Rector St., New York 6, N. Y.

Since 1892 importers of china clay from Cornwall, England, and ball clay from pits in Devonshire, produced largely by the same families; also special clays from Georgia for the ceramic industry, produced uninterruptedly since 1897.

Morton Pottery Co. William Rapp
Morton, Ill.

Manufacturers of art pottery and decorative specialties.

Mosaic Tile Co. H. D. Ayers
Zanesville, Ohio

Manufacturers of glazed wall tile and glazed and unglazed floor tile for architectural and decorative purposes; at the present time furnishing tile for Government hospitals, ships, and for many civilian uses.

Mount Clemens Pottery Co. C. E. Doll
Mount Clemens, Mich.

Dinnerware manufacturers.

Mullite Refractories Co. Charles W. Fyle
Shelton, Conn.

Manufacturers of superrefractories, special shapes, standard brick, and cements of calcined Indian kyanite. These materials are used extensively in high-temperature applications where a high softening point, good spalling resistance, and good strength under load are required.

National Ceramic Company Nicholas H. Snyder
400 Southard St., Trenton 2, N. J.

Manufacturers of electrical porcelain specialties and bathroom fixtures.

National Engineering Co. F. W. Fuller
549 W. Washington Blvd., Chicago 6, Ill.

Manufacturers of the Simpson intensive mixer and auxiliary equipment. The Simpson mixer is a muller-type mixing device and is widely used in dry- and wet-mixing processes in every branch of the ceramic industry, particularly electrical porcelain, tile, pottery, and refractories.

National Fireproofing Corp. R. A. Shipley
202 E. Ohio St., N.S., Pittsburgh 12, Pa.

Manufacturers of structural clay products such as facing tile, buff and red load-bearing tile, silo and bin tile, underdrain blocks, electrical conduit, flue lining, chimney block, partition and flat-arch floor tile, column and girder covering tile, red face and common brick, backup tile; also pouring-pit refractories, stove liners, and refractory brick.

National Gypsum Co. J. Fred Chambers
Luckey, Ohio

The four lime plants of this company furnish the glass industry with high-calcium and dolomitic lime in the form of ground limestone, ground burnt lime, and hydrated lime; ground limestone flour, iron oxide content 0.02%; dolomite flour; hard gypsum plaster (Kalrok) for patterns, blocks, and cases; pottery plaster; slag with high alumina content.

National Industrial Sand Assn. V. P. Ahearn
951 Munsey Bldg., Washington, D. C.

A national association of the producers of sand for industrial purposes.

National Lead Company Alexander Stewart
105 York St., Brooklyn 1, N. Y.

Producers of a full line of lead products for the ceramic industry; litharge, red lead, white lead, and lead silicate frits (monosilicate and bisilicate) for glass, raw glazes, and glaze and enamel frits.

National Lime and Stone
First National
Large producers of dolomitic lime and raw dolomitic hydrate. Plants located on three shipping facilities.

National Refractories
1520 Locust

Manufacturers of fire products at a subsidiary Frostburg, Md., and agents for products of other brick manufacturers.

National Sales Corp.
31-35 E. Third

Manufacturers of fill chemical industry; Georgia kaolin, quar and bentonite.

National Sanitary Co

Manufacturers of cast

Newbold General Re
Box 3407 R.

New Castle Refractories

Manufacturers in for semivitreous field hot tops for use in fire-clay and clay refractories of special refractories of type.

New Jersey Porcelain
Box

Manufacturers of low war equipment on his

Nonporite Proprietar
292-296 B

North American Ref
National City

Manufacturers of all tories, including his also a complete series castable refractories ganister rock.

North Carolina Feld

Miners and grinder either of the high-p desired mesh; also quality.

North State Pyroph

Miners and grind furnished in 6-mesh

Northwestern Glas
5801 E. M

Manufacturers of flint and amber glass purposes; facilities operations.

Norton Company

Producers of grinding manufacturers of special refract

- National Lime and Stone Co.** L. G. Love
First National Bldg., Findlay, Ohio
Large producers at Carey, Ohio, of high-quality burned dolomitic lime and raw dolomite for glass manufacturing and dolomitic hydrated lime for neutralizing acid wastes. Plants located on three railroads which provide excellent shipping facilities.
- National Refractories Co., Inc.** R. A. Hitchins
1520 Locust St., Philadelphia 2, Pa.
Manufacturers of fire-clay brick and specialty refractory products at a subsidiary, the Big Savage Refractories Corp., Frostburg, Md., and silica brick at Van Dyke, Pa. Sales agents for products of the Mexico Refractories Co. and other brick manufacturers.
- National Sales Corp.** Frank Koch
31-35 E. Thirteenth St., Cincinnati 10, Ohio
Manufacturers of filter-press cloths for the ceramic and chemical industry; distributors of pulverized and lump Georgia kaolin, quartzite grinding cubes and mill liners, and bentonite.
- National Sanitary Co.** L. A. Bateman
Salem, Ohio
Manufacturers of cast-iron enameled plumbing fixtures.
- Newbold General Refractories, Ltd.**
Box 3407 R, Sydney, N.S.W., Australia
- New Castle Refractories Co.** R. W. Rowland
New Castle, Pa.
Manufacturers in four plants of saggars for the vitreous and semivitreous field and setters for floor and wall tile; hot tops for use in steel open-hearth pouring operations; fire-clay and clay refractories for industrial furnaces and special refractories of silicon carbide, sillimanite, and mulite.
- New Jersey Porcelain Co.** Stephen Wenczel
Box 908, Trenton 5, N. J.
Manufacturers of low-voltage electrical porcelain used in our equipment on high priority only.
- Nonporite Proprietary, Ltd.** Norman Griffiths
292-296 Burwood Rd., Hawthorne E. 2,
Victoria, Australia
- North American Refractories Co.** E. M. Weinfurter
National City Bank Bldg., Cleveland 14, Ohio
Manufacturers of all types of fire-clay and silica refractories, including high-alumina and insulating firebrick; also a complete series of mortars, plastics, ramming mixes, castable refractories, and raw and calcined fire clay and gusher rock.
- North Carolina Feldspar Corp.** W. F. Deneen
Erwin, Tenn.
Miners and grinders of feldspar for the ceramic industry either of the high-potash or the high-soda variety in any desired mesh; also serve glass plants with any mesh or quality.
- North State Pyrophyllite Co., Inc.** E. M. Harvey
Pomona, N. C.
Miners and grinders of pyrophyllite for refractories; furnished in 6-mesh and 1/4-inch sizes.
- Northwestern Glass Company** Edward S. Campbell
5801 E. Marginal Way, Seattle 4, Wash.
Manufacturers of a complete line of jars and bottles in tint and amber glass for foods, beverages, and general purposes; facilities under construction for two-color operations.
- Orton Company** Arthur T. Malm
Worcester 6, Mass.
Producers of grinding wheels and abrasive products; manufacturers of precision grinding and lapping machines and special refractories for use at high temperatures; refractory laboratory ware and porous media for commercial processes involving aeration and filtration.
- Oak Hill Fire Brick Co.** M. E. Davis
Oak Hill, Ohio
Manufacturers of firebrick and producers of fire clay.
- Ohio Brass Co., Barberton Division** J. J. Taylor
Barberton, Ohio
Manufacturers of porcelain insulators for high-voltage power transmission and insulating components for the Bureau of Ships and Army Signal Corps for use in communications; also special nonmetallic items for Army Ordnance.
- Ohio Clay Co.** George W. Denison
Box 1776, Cleveland, Ohio
Manufacturers of common and facing brick.
- Ohio Hydrate & Supply Co.** A. H. Nieman
Woodville, Ohio
Producers of dolomitic lump, ground burnt (minus 16-mesh), granular, regular hydrate, and superfine hydrated (99.5% minus 300-mesh) lime products; filler dust or carbonate whiting, testing 99.5% minus 325-mesh; granular limestone carbonates, 10- by 30-mesh and 16- by 120-mesh.
- Old Hickory Clay Company** L. F. Powell
Box 271, Paducah, Ky.
Miners and shippers of high-quality Kentucky ball, sagger, and plastic fire clays furnished in crude and air-floated form according to specifications.
- Onondaga Pottery Co.** B. E. Salisbury
1858 W. Fayette St., Syracuse 4, N. Y.
Manufacturers of Syracuse china, a thoroughly vitrified, nonabsorbent ware used in public eating places and homes, in decorated, plain-tinted, and white; war work for the Army and Navy.
- Orefraction, Inc.** Norbert F. Stanny
7505 Meade St., Pittsburgh 8, Pa.
Manufacturers of three grades of zircon, technical, ceramic, and electrical, all produced in granular, 200-mesh, and 400-mesh sizes; alloy and welding-rod rutiles in granular and milled forms; ceramic rutile; ilmenite used in titanium alloys.
- Orton, Edward, Jr., Ceramic Foundation** J. L. Carruthers
1445 Summit St., Columbus 1, Ohio
A testamentary trust manufacturing standard pyrometric cones in large and small (P.C.E.) sizes from cone 022 to cone 42. Excess income from cone sales is used for research in the laboratories of the Foundation and in various schools for the benefit of the industry.
- Owens-Corning Fiberglas Corp.** F. V. Tooley
Newark, Ohio
Manufacturers of glass in fiber or filament form (glass mineral wool, filter and mat products, and glass textiles) used principally for thermal and acoustical insulation, air filtration, electrical insulation, plastics reinforcement, and industrial service fabrics.
- Owens-Illinois Glass Co.** W. A. Mahaffy
601 36th Ave., Oakland 1, Calif.
Manufacturers of a complete line of glass containers.
- Owens-Illinois Glass Co.** E. W. Summers
General Engineering Dept., Alton, Ill.
Makers of Duraglas containers, wide and narrow mouth, for food products, pharmaceuticals, prescriptions, chemicals, proprietary items, milk, cosmetics, beverages, wine, and liquor; tumblers and crystal; structural block; Hemingray insulators; corrugated fiber containers; wood cases; metal and plastic closures; molded products.

Pacific Clay Products

Roy Lacy
Box 145, Station A, Los Angeles 31, Calif.
Manufacturers of steatite insulators, glazed bath tile, sewer pipe, firebrick, fire clay, drain tile, colored pottery, stoneware, electrical conduit, ceramicweld clay pipe, hollow building tile, floor tile, flue lining, and chimney pipe.

Pacific Coast Borax Co.

F. T. Winters
51 Madison Ave., New York 10, N. Y.
Manufacturers and distributors of borax, boric acid, borax glass, boric anhydride (anhydrous boric acid), and other special borate products for the glass and ceramic industries. Bulletins and technical service are offered.

Paden City Pottery Co.

Merrill C. Sondles
Paden City, W. Va.
Manufacturers of two lines of semiporcelain dinnerware in sets and open stock: (1) Shenandoah ware, underglaze decalcomania in brilliant, colorful floral decorations, and (2) Tu-tone ware, wide underglaze ivory shoulder, with gold lines, stamps, and floral border decalcomania.

Paper Makers Importing Co., Inc.

Charles Brian
640 North 13th St., Easton, Pa.
For more than fifty-six years miners and importers of china and ball clay from Cornwall, Devon, and Dorset, England, providing only the better grade of materials for use throughout the ceramic industry in both the United States and Canada.

Pass & Seymour, Inc.

R. H. Pass
Solvay Station, Syracuse 9, N. Y.
Since 1890, manufacturers of electrical wiring devices consisting of switches, receptacles, and other items; electrical porcelain for use in own products and special parts for others; during the war, land mines and fuses specially developed for the Ordnance Department.

Pearson, E. J. & J., Ltd.

C. W. Thomas
Firebrick Works, Stourbridge, England
Five associated companies established in 1860 to manufacture fire-clay, silicious, and high-alumina refractories of every description for all types of industrial furnaces by the casting, dry-press, stiff-plastic, pneumatic, and hand-moulding processes.

Pemco Corporation

Richard Turk
5601 Eastern Ave., Baltimore 24, Md.
Manufacturers of porcelain enamel frits and clays; ceramic glaze frits; colors for enamels, glazes, glass, plastics, and paints; special chemicals for the industry; plant and laboratory layout and engineering service on request.

Pennsylvania Bottle Co.

William Gallagher
311 Horton Ave., Sheffield, Pa.
Manufacturers of flint-glass containers including bottles for (1) condiments, both wide and narrow mouth, (2) liquor, wine, beer, and soda, and (3) miscellaneous uses; one furnace and eight glassforming machines.

Pennsylvania Pulverizing Co.

William J. Woods
Box 587, Lewistown, Pa.
Producers of flint which over the past forty years has become the standard of quality for American ceramic industries; plants located at Mapleton, Pa., Hancock, W. Va., and Newport, N. J.

Pennsylvania Salt Mfg. Co.

R. S. Roeller
1000 Widener Bldg., Philadelphia 7, Pa.
Manufacturers of products from salt, sulfur, bauxite, fluorspar, and Greenland cryolite ore for use in agriculture, water purification and sewage disposal, metal industries, ceramics, synthetic rubber, oil refining, pulp and paper, textiles, leather, laundry and dry cleaning, and household sanitation.

Pettinos, George F., Inc.

George F. Pettinos, Sr.
1206 Locust St., Philadelphia 7, Pa.
Pioneers in mining, importing, and refining of graphite; miners and producers of foundry sands, glass sands, indus-

trial sands, filter and sandblast sands; foundry supplies, high-temperature cements and insulating cements.

Pfaudler Co.

O. I. Chormann
89 East Ave., Rochester 4, N. Y.
Engineers and fabricators of corrosion-resistant process equipment, consisting of glass-lined steel, stainless steel, nickel, Monel and clad metals.

Pittsburgh Plate Glass Co.

C. E. Fulton
Creighton, Pa.
Manufacturers and distributors of plate glass and window glass; a full line of paints and varnishes; heavy chemicals including soda ash, caustic soda, and chlorine; recently, a plastic under the name of Allymer.

Pittsburgh Plate Glass Co., Columbia Chemical Div.

R. W. Miller
Barberton, Ohio
Producers of Columbia soda ash, made to the most exacting standards, which is especially suitable for the preparation of frit; also alkalis; service to customers through offices in principal cities and distributors in every market area.

Plibrico Jointless Firebrick Co.

W. A. Schaefer
1800 Kingsbury St., Chicago 14, Ill.
Manufacturers of plastic firebrick, castable refractory material, and refractory cements; maintain nationwide installation and boiler-setting service; also install boiler baffles; complete engineering service on boiler-setting construction and furnace design.

Polaroid Corp.

D. B. Hummel
211 Massachusetts Ave., Cambridge 39, Mass.
Manufacturers of special optical equipment utilizing the principle of polarized light; special filters and glare-control equipment for the armed forces.

Porcelain Metals Corp., Inc.

P. B. McBride
1400 South 13th St., Louisville 10, Ky.
Manufacturers of stampings, metal parts, and shapes to order; design, tool, and form metal parts by deep drawn, formed, rolled, or stamped to close tolerances; fabricate and weld assemblies; shapes can be porcelain enameled or furnished in other specified finishes.

Porcelain Products, Inc.

John G. Loy
Box 300, Findlay, Ohio
Manufacturers of a complete line of electrical porcelain insulators ranging from the smaller types for low-voltage house wiring to high-voltage insulators for power transmission; also a limited line of porcelain wiring devices.

Portsmouth Clay Products Co.

H. S. Davis
Portsmouth, Ohio
Manufacturers of first-, second-, and third-quality firebrick; producers of fire clay; plastics.

Potters Supply Co.

Dewitt D. Irwin
East Liverpool, Ohio
Manufacturers of pins, stilts, thimbles, spurs, saggers, and crucibles; tile for decorating kilns. Distributors of clay, firebrick, imported Paris white, domestic whiting, Georgia kaolin, and modeling clay.

Precision Grinding Wheel Co., Inc.

George F. Kohn
8301 Torresdale Ave., Philadelphia 36, Pa.
Established in 1920 to manufacture a complete line of vitrified and organic bonded abrasive products, of outstanding quality of performance, such as high-speed snagging wheels, and "cavity clearance" wheels for tungsten carbide tools.

Pretoria Glass Works

I. Donen
Box 863, Pretoria, South Africa

Promat Division, Poor & Co.

A. E. Chester
851 S. Market St., Waukegan, Ill.
Manufacturers of orthosilicate finishes for iron and steel products for rust-proofing purposes.

Porto Rico Clay Products

Box 4083, San

Printon Pottery Co.

Ship
Free-brush decorations on home, and containers for

Pyro Clay Products Co.

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Organized in 1909, this c
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Quigley Company, Inc.

527 Fifth Ave
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Ramite Company

2563 West 11
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Ransome Machinery Co.

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Reed, F. E., Glass Co.

860 Maple
Manufacturers of glas
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Refractory & Insulation

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mineral-wool blankets.

Remmey, Richard C.,

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Producers of binding
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24, No. 6
- Puerto Rico Clay Products Corp.** W. J. Stubbins
Box 4083, San Juan, Puerto Rico
- Purinton Pottery Co.** B. S. Purinton
Shippensburg, Pa.
Free-brush decorations on ceramic articles, useful in the home, and containers for packaging.
- Pyro Clay Products Co.** O. E. Miller
Oak Hill, Ohio
Organized in 1909, this company manufactures standard refractories, special shapes, and refractory specialties consisting of Ohio select first-quality brick of Sciotoville flint and second-quality brick of Lower Kittanning clay; also cements, castables, plastics, and ladle-lining material.
- Quigley Company, Inc.** R. J. Demaison
527 Fifth Ave., New York 17, N. Y.
Manufacturers of Hytempite, a standard high-temperature refractory cement, and also a complete line of refractory and insulating specialties; complete refractory engineering and field services.
- Ramite Company** Louis J. Jacobs
2563 West 18th St., Chicago 8, Ill.
Manufacturers of Ramite plastic refractory, Fracto-crete castable refractory, and Esso Bond high-temperature bonding mortar; engineering and construction departments design and erect solid and suspended-type walls and arches and economy boiler baffles.
- Ransome Machinery Co.** J. C. Lukas
Dunellen, N. J.
Manufacturers of mixing machinery; concrete mixers and pavers.
- Reed, F. E., Glass Co.** Arthur F. Reed
860 Maple St., Rochester, N. Y.
Manufacturers of glass containers for milk, beverages, beer, and liquors; packers' ware.
- Refractory & Insulation Corp.** Christopher Branda
Port Kennedy, Pa.
Manufacturers of industrial refractory and insulating materials including brick mortars; castable cements; plastic firebrick; block, tile, and plastic-cement insulation; and mineral-wool blankets.
- Remmey, Richard C., Son Co.** G. Bickley Remmey
Hedley St. and Delaware River, Philadelphia 37, Pa.
Manufacturers of fire-clay silicon carbide; semisilicon carbide, mullite (clay bonded), mullite (mullite bonded), alumina (clay bonded), and alumina (99% plus) refractories; plastic firebrick; high-temperature cement; fire clay; alumina oxide cement; and silicon carbide cement.
- Republic Stamping & Enameling Co.** P. A. Mallonn
Box 471, Canton 1, Ohio
Manufacturers of porcelain enameled kitchenware.
- Republic Steel Corp.** L. D. Mercer
Republic Bldg., Cleveland 1, Ohio
Manufacturers of iron and steel products. Of particular interest to the ceramic industry are the following products: hot-rolled products including Toncan iron enameling sheets; alloy and stainless steels; bolts, nuts, and rivets; tubular products; and pig iron.
- Riddell, W. A., Corp.** L. A. Henderson
Bucyrus, Ohio
Manufacturers of a complete line of the most modern clay-plant equipment. Everything furnished from the clay bank to the storage shed. Motto, "Built right, run right" machinery.
- Robeson Process Co.** 'Asgeir Riis
500 5th Ave., New York 18, N. Y.
Producers of binding materials for the ceramic and foundry industries.
- Robinson Ventilating Co.** Robert R. Robinson
Zelienople, Pa.
Manufacturers of fans for waste heat, dust collecting, and general ventilation; oil- and gas-burner blowers; forced and induced draft for coal; fans for cooling men and products; fans for driers; engineering service for the design of driers, dust-collecting systems, and general ventilation.
- Rookwood Pottery Division, Sperti, Inc.** H. Leslie Moody
Beech and Kenilworth Aves., Cincinnati 12, Ohio
Founded in 1880, Rookwood Pottery produces fine ceramic artware and is noted the world over for individually underglaze decorated items; pledged to maintain the high standards of quality, craftsmanship, and beauty that gained this enviable reputation for Rookwood.
- Roseville Pottery, Inc.** Robert P. Windisch
Zanesville, Ohio
In business for more than fifty years as manufacturers of artware and decorated utility ware; major output consists of underglaze decorated art pottery and some decorated items of utility value such as teapots and pitchers.
- Ross-Tacony Crucible Co.** K. E. Buck
Tacony, Philadelphia 35, Pa.
Manufacturers of crucibles (both clay graphite and carbon-bonded types) for melting metals and graphite stopper heads for pouring steel; also special refractory shapes and refractory cements.
- Royal China, Inc.** W. H. Hebenstreit
Sebring, Ohio
Manufacturers of high-grade semiporcelain dinnerware for all classes of trade; also cooking ware and fancy ware. Special attention is given to the promotion and premium trade.
- Rundle Mfg. Company** M. A. Dantzler
3305 W. Forest Home Ave., Milwaukee 7, Wis.
Peacetime products consist of cast-iron porcelain enameled bathtubs, kitchen sinks, and lavatories made at two plants. War work consists of heat-treating steel castings, forgings, normalizing, stress relieving, and shot blasting.
- Rustless Iron Co., Ltd.** H. Whitaker
Trico Works, Keighley, England
Vitreous enamel finish is applied to goods made by customers, comprising ranges, gas and electric cookers and washing equipment, refrigerators, reflectors, and a wide variety of similar articles for domestic use.
- Safety Grinding Wheel & Machine Co.** C. B. Tilton
Box 746, Springfield, Ohio
Manufacturers of a complete line of grinding wheels, as well as a special line of machinery suitable for foundries and steel mills.
- Salem China Co.** F. W. McKee
Salem, Ohio
A medium-sized, well-modernized plant devoted to the manufacture of medium-priced dinnerware, which is nationally advertised. A splendid reputation for steady employment over a long term of years.
- Savannah Kaolin Co.** F. H. Oppen
314 American Bldg., Box 184, Savannah, Ga.
Miners of G-1 Refractory, White Clay, the clay of authority and strength; cone 34; crude, mine-run, or dried, crushed, and pulverized; highest plasticity, enormous load-carrying capacity, great resistance to slagging and corrosion; eliminates drying and firing cracks in clay casting.
- Saxonburg Potteries** George H. Aderhold
Saxonburg, Pa.
Manufacturers of steatite resistor sleeves or tubes, bushings, and spacers; parts for electrical heating devices;

special ceramic shapes or parts to specifications; thermocouple insulation.

Seneca Glass Company Harry J. Sigwart
Morgantown, W. Va.

Manufacturers of plain, etched, decorated, and cut tumblers, stemware, jugs, and other pieces.

Shenango Pottery Co. James M. Smith
New Castle, Pa.

Producers of Rimrol hotel and restaurant vitrified china.

Sierra Talc Co. E. J. Ellsworth
724 S. Spring St., Los Angeles 14, Calif.

Mills in Keeler and Los Angeles, Calif., and mines in the Death Valley area of California, Nevada, and New Mexico produce three types of talc: steatite, used in the manufacture of radio insulators and spark plugs; tremolitic, used in pottery and low-fired artware; and fibrous, used in paint.

Simmonds Aerocessories, Inc. J. E. D. McCarty
21-10 49th Ave., Long Island City 1, N. Y.

For many years producers of Simmonds-Benton spark plugs for light planes, this company now makes ceramic plugs for high-output military aircraft engines, specifically, the American-built Rolls-Royce Merlin engine.

Simonds Worden White Co. F. R. Henry
N. Summit St. and Negley Place, Dayton 7, Ohio
Manufacturers of grinding wheels, machine knives, and hand tools.

Smith & Stone, Ltd. B. Stone
Georgetown, Ontario, Canada

Established in 1920, manufacturers of porcelain insulation, both wet and dry, and porcelain mouldings of all types; refractory porcelain, Bakelite mouldings, and a complete range of wiring devices.

Smith, A. O., Corporation W. W. Higgins
3533 North 27th St., Milwaukee 1, Wis.

Manufacturers of a broad variety of capital goods and consumer products such as automobile frames, gas-line pipe, oil-well casing, welding electrodes and equipment, pressure vessels, heat exchangers, glass-lined storage tanks and automatic hot-water heaters, and stokers.

Snead, Jane, Ceramic Studio Thomas S. Snead
1822 Chestnut St., Philadelphia 3, Pa.

The services rendered to occupational therapy departments, schools, and small studio potteries are instruction in pottery, firing of pottery, and manufacture and distribution of kilns, glazes, clays, and pottery supplies; emphasis on the more delicate types of glaze effects and modern interpretations.

Solvay Process Co. L. W. Peterson
Syracuse 1, N. Y.

Manufacturers of dense soda ash, calcined potassium carbonate, hydrated potassium carbonate, and ammonium bicarbonate used in glass and ceramics; technical consulting service for the ceramic industries.

Sovereign Pottery, Ltd. W. G. Pulkingham
Hamilton, Ontario, Canada

Producers of dinnerware under the trade name Sovereign.

Speer Resistor Corp. G. G. Herrick
Box 111, St. Marys, Pa.

Producers of plastic coil forms, iron coil forms, and carbon resistors for use in electronics; interest in ceramics is in the high *K* dielectric materials used in the manufacture of condensers.

Spinks, H. C., Clay Co. R. B. Carothers
Box 256, Newport, Ky.

Producers of the following ball, sagger, and wad clays: Jernigan ball clay; Champion & Challenger ball clay; Jernigan special sagger clay; Paris top white clay; Paris

brown plastic clay; Black & Tan wad clay; Gleason sagger clay.

Square D Company H. S. Freeman
6060 Rivard St., Detroit 11, Mich.

Manufacturers of an extensive line of safety switches, motor controls, circuit breakers, panel boards, switchboards, bus duct, pressure, float, and vacuum switches, in war, circuit breakers for airplanes and special shockproof switches and panel boards for landing craft.

Standard Brick and Tile Corp. H. C. Kleymeyer
Fourth and Vine Sts., Evansville 19, Ind.

Manufacturers of shale and clay rough-texture and smooth face brick, ranging from red to gun metal; shale and clay common brick; structural clay tile and farm drain tile. Distributors of glass block, firebrick, glazed brick and tile, buff and gray face brick.

Standard Porcelain Enamel Co. Harry E. Johnson
American and Luzerne Sts., Philadelphia, Pa.

Porcelain enameling on black shapes provided by any stamping company and standard porcelain enameled parts.

Standard Ultramarine Co. L. F. May
Huntington 18, W. Va.

Manufacturers of ultramarine blue pigments and red pigments for printing and paint; iron blues; lithol tones, alkali blue toners, methyl violet, soluble and acid blue dyestuffs and related colors; blanc fixe (barium sulfate) for the ceramic industry.

Star Porcelain Co. R. W. Ferguson
Muirhead Ave., Trenton 9, N. J.

Manufacturers of electrical porcelain, electrical refractories, low-loss steatite, and semiteatite by pressing, casting, turning, and extrusion; complete toolmaking and diemaking facilities and research laboratory for special insulating problems.

Stark Brick Co. J. H. Stewart
Box 230, Canton, Ohio

Manufacturers of ceramic glazed, clear glazed, salt glazed, and unglazed facing tile and brick; glazed and unglazed standard and heavy-duty floor brick; acid brick and rings; insulating refractory brick, block, and aggregate. Trade names: Brictile, Tribic, Flashtile, Sanitary Floor.

Stauffer Chemical Co. G. W. Poland, Jr.
420 Lexington Ave., New York 17, N. Y.

Manufacturers of borax, boric acid, anhydrous borax and borax glass, potassium nitrate, and sulfur; also other industrial chemicals such as sulfuric acid, chlorine, caustic soda, carbon bisulfide, carbon tetrachloride, silicon tetrachloride, tartaric acid, cream of tartar, tartar emetic, and insecticides and fungicides.

Sterling China Co. W. T. Pomeroy
East Liverpool, Ohio

Manufacturers of vitrified china tableware for hotels, restaurants, steamships, hospitals, and other institutions, also for the armed forces. Wide variety of decorations, decals, prints, and line treatments, offered on three different bodies, white, tan, and ivory.

Sterling Grinding Wheel Co. A. E. Tuff
Tiffin, Ohio

Manufacturers of artificial abrasive grinding wheels, brick sticks, and specialties since 1885; vitrified, silicate, resin, and shellac-bonded products for use on standard and high-speed grinding machines of all types and makes.

Steubenville Pottery Co. W. J. Mould
Steubenville, Ohio

Manufacturers of high-quality semivitreous tableware distributed by the leading china departments of the country and including the Monticello ware by Herman C. Kupper and the American Modern by Russell Wright.

Streator Brick Co. St.

Producers of shale and fine rough textures, shale bu packing-house floor brick production facilities; and

Strong Manufacturing Co. Sel

Complete manufacturing both hollow ware and flange for producing fluorescent, refrigerator doors, panels, etc.), together; contract job ename

Structural Clay Products 1756 K St., N.Y.

A national association which represents the industry and on committees of its principal activities and public relations, engineering

Stupakoff Ceramic & M. L

Manufacturers of precision metallized ceramics for electrical and chemical industries; a combination of K for the same industries; ferrite, alumina, magnesia.

Summitville Face Brick Sun

Manufacturers of face brick, acid-resisting brick; quarry tile.

Sur Enamel & Stampin 9 Middle Rd.

Manufacturers of enamel suppliers to the government stores.

Surface Combustion Co. 2375 Dor

Manufacturers for the sealing and decorating and bending furnaces, and conveyor-type potting tanks for special glass.

Swindell Brothers Bayard and F

Manufacturers of hardware for foods, drugs, perfumes, wines, whis

Swindell-Dressler Co. Box 18

Engineers and manufacturers of direct-fired tunnel kiln, operating on 32, fuel fired, electric walking-beam conveyor installations, in-

Sylvania Electric Pro 208-20 Cross Islan

Manufacturers of radio transmitting tubes, in and fixtures, fluorescent, rod, tube parts, with Research and Development, and Kew Garden and engineering laboratories

500 Fifth Ave., New York

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Streator Brick Co.

Producers of shale and fire-clay face brick in smooth and rough textures, shale building brick, oversize brick, and packing-house floor brick; tunnel-kiln and periodic-kiln production facilities; annual capacity 50 million brick.

Strong Manufacturing Co.

Complete manufacturing facilities for black shapes for both hollow ware and flatware; modern enameling equipment for producing fluorescent reflectors, incandescent reflectors, refrigerator equipment and accessories (pans, doors, panels, etc.), together with a short line of kitchen-ware; contract job enameling.

Structural Clay Products Institute Harry C. Plummer
1756 K St., N.W., Washington 6, D. C.

A national association of brick and tile manufacturers which represents the industry before Government agencies and on committees of national technical organizations. Its principal activities consist of advertising, publicity and public relations, engineering, and research.

Stupakoff Ceramic & Mfg. Co. Semon H. Stupakoff
Latrobe, Pa.

Manufacturers of precision-made ceramic products and specialized ceramics for the electronic, electrical, industrial, and chemical industries; also metal-to-glass hermetic seals, a combination of Kovar alloy and heat-resistant glass, for the same industries; ceramic products of steatite, cordierite, alumina, magnesia, titanium dioxide, and combinations.

Summitville Face Brick Co. H. K. Lynn
Summitville, Ohio

Manufacturers of face brick in straight shades of red and mingled; acid-resisting brick and block; industrial floor brick; quarry tile.

Sur Enamel & Stamping Works, Ltd. M. M. Sur
9 Middle Rd., Entally, Calcutta, India

Manufacturers of enamelled ironware, sign plates, etc.; suppliers to the government and railway and military stores.

Surface Combustion Corp. Harvey C. Weller
2375 Dorr St., Toledo 1, Ohio

Manufacturers for the ceramic industry of continuous annealing and decorating lehrs, batch-type ovens, convexing and bending furnaces, special processing furnaces, continuous conveyor-type pottery decorating kilns, and recuperative tanks for special glasses; combustion engineering service.

Swindell Brothers J. J. Jeffries
Bayard and Russell Sts., Baltimore, Md.

Manufacturers of handmade and machine-made glass containers for foods, drugs, chemicals, pharmaceuticals, prescriptions, wines, whiskies, toilets, perfumes, and cosmetics.

Swindell-Dressler Corp. Philip Dressler
Box 1888, Pittsburgh 30, Pa.

Engineers and manufacturers; designers and builders of every kind of direct-fired and muffle, circular, and straight tunnel kiln, operating at temperatures from decorating to zone 32, fuel fired, electric heated, car, roller-hearth, and walking-beam conveyor types; recirculating radiant gas tube installations, in-and-out and continuous types.

Sylvania Electric Products, Inc. B. S. Ellefson
208-20 Cross Island Parkway, Bayside, Long Island, N. Y.

Manufacturers of radio receiving tubes, cathode-ray tubes, transmitting tubes, incandescent lamps, fluorescent lamps and fixtures, fluorescent powders, tungsten powder and rod, tube parts, wire welds, and electronic equipment. Research and Development laboratories at Flushing, Bayside, and Kew Gardens, New York; manufacturing plants and engineering laboratories in five states; main offices at 200 Fifth Ave., New York, N. Y.

(1945)

D. P. Ogden

Streator, Ill.

Sebring, Ohio

W. U. Pfaffli

C. R. Taylor

W. E. Palmer

W. J. Graveling

Roy S. Arrandale

Howard Hicks

David A. Thompson

J. F. Collis

A. V. Pimble

O. C. Nobls

C. E. Jenke

F. W. Van Orden

Works, Inc.

Box 762, Trenton 5, N. J.

Manufacturers of porcelain for electrical wiring devices, neon accessories, industrial specialties, noncorrosive substitutes for metal parts, and special shapes; die-shop facilities; practically all production now for armed services.

Manufacturers of first-quality and intermediate heat-duty fire-clay brick and a 2600°F. insulating firebrick; first-quality and intermediate brick are made by both the dry-press and stiff-mud processes; also special shapes, cupola blocks, wall and arch shapes, high-temperature cement, plastics, and castables.

Manufacturers of zirconium oxide opacifiers, zircon for frit, zirconium silicates for glaze opacification, zircon for bodies, zircon refractories, ferrotitanium alloys for the steel industry, rutile for welding rods, and industrial chemicals.

Manufacturers of high-grade vitreous china and Duraclay plumbing fixtures; the line ranges from small drinking-fountain receptors to large hospital pieces such as emergency baths, autopsy tables, etc., including fine water-closet combinations, lavatories, bathtubs, and sinks.

Manufacturers of sanitary pottery in earthenware, vitreous china, and enamelled fire clay; patterns cover sanitary equipment for every class of building, including specialized fixtures required for hospitals, clinics, schools, and factories.

Manufacturers of glass containers for the food industry.

Largest weavers of precision wire cloth: Double-Crimped square mesh, Ton-Cap and Ty-Rod high-capacity screen cloth and testing sieves. Pioneers in developing efficient screening machinery: Hum-mer, Tyler-Niagara, Ty-Rock screens, and the standard Ro-Tap testing sieve shaker.

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United Clay Mines Corp. K. E. Ward
Oakland and Prospect Sts., Trenton 6, N. J.
Producers of domestic clays for the pottery industry; also bentonite.

United Glass Bottle Mfgs., Ltd. J. Tipping
8, Leicester St., London, W.C. 2, England
Manufacturers of glass containers of all descriptions in flint, amber, blue, dark green, light green, and opal colours; pressed domestic tableware and tumblers; metal and plastic closures.

United States Glass Co. C. W. Carlson
Tiffin, Ohio
Manufacturers of plain and decorated tableware; fountain, bar, and restaurant glassware; industrial specialties and scientific ware.

United States Gypsum Co. J. S. Offutt
300 W. Adams St., Chicago 6, Ill.
Manufacturers and distributors of U.S.G. pottery plasters, AA dolomite, special polishing plasters, U.S.G. plate-glass plasters, raw dolomite limestone, dolomite and high-calcium lime, glasshouse gypsum, and terra alba throughout the United States and the world.

Universal Clay Products Co. C. A. Bloor
Sandusky, Ohio
Manufacturers of dry-process electrical porcelain insulators, standard and special electrical porcelains, glazed and unglazed; refractory specialties; also specialists in producing items to customers' drawings and specifications.

Universal Dental Co. Joseph Kohn
48th and Brown Sts., Philadelphia, Pa.
Organized in 1917 for the manufacture of porcelain teeth exclusively, for use by dentists in making prosthetic restorations. Before the war, products were distributed in every country of the world; a fair percentage is now supplied to the armed forces.

Universal Potteries, Inc. G. D. Agnew
Cambridge, Ohio
The products of this company consist of Camwood-shape dinnerware and a complete line of ovenproof cookingware in various colors and types of decorative treatment.

Universal Sanitary Mfg. Co., Inc. W. Keith McAfee
New Castle, Pa.
Manufacturers, in addition to a popular line of bathroom, kitchen, and laundry fixtures, of a vitreous china bathtub, another "first" for Universal; other innovations have been casting of sanitary ware, firing pottery in continuous kilns, colored ware for bathrooms, and the use of production conveyers.

Valentine, M. D., & Brother Co. W. H. Peterson
Woodbridge, N. J.
Manufacturers of Valentine XX semisiliceous fire-clay brick, which is noted for its resistance to spalling and its ability to withstand load under temperatures; new records have been made from its use in steel mills, ceramic tunnel kilns, and large oil refineries.

Vanderbilt, R. T., Co., Inc. Ira E. Sproat
230 Park Ave., New York 17, N. Y.
Sales agents for Cherokee Georgia kaolin, Peerless kaolin, Pyrax pyrophyllite, Clay Deflocculant, Rayox titanium dioxide, Radium selenium, cerium hydrate, and tellurium; research on new and old ceramic materials; assistance given to customer problems.

Vereeniging Brick & Tile Co., Ltd. L. Wishart
Box 49, Vereeniging, Transvaal, South Africa
Producers of firebrick and refractories.

Vesuvius Crucible Co. Francis L. Arensberg
Box 8275, Swissvale, Pittsburgh 18, Pa.
The products of this company are in three categories: (1) graphite stopper heads and nozzles for pouring steel

ingots and castings, (2) graphite crucibles for melting all metals, and (3) special shapes such as stirrers, base blocks, covers, saggers, and pyrometer protection tubes.

Victor Insulators, Inc. H. Failmeizer
Victor, N. Y.
Producers of wet-process high-voltage porcelain insulators of all types; also special-design porcelain for manufacturers of transformers and switchgear, capacitors, fuse cutouts, potheads, and junction boxes.

Viking Glass Co. G. R. Cummings
New Martinsville, W. Va.
This company is specializing in the highest-quality Swedish-type glassware, with plans underway to produce a complete line under the trade name of Viking. (Successors to the New Martinsville Glass Co.)

Vitreux Corp. R. W. Ellison
5050 Pacific Blvd., Los Angeles 11, Calif.
Manufacturers of fire-clay refractories, plastic firebrick, electric-furnace mullite and periclase, castables, fire-clay mortars, chrome mortars, refractory grains, sagger batches, coating materials, and fire clays. Distributors of insulating firebrick, high-alumina, chrome, silicon carbide, and magnesite refractories.

Vitreous Steel Products Co. Edgar H. Weil
Newburg Station, Cleveland 5, Ohio
Manufacturers of porcelain enamel table tops and break-fast sets; job enameling. (Factory at Nappanee, Ind.)

Vitro Manufacturing Co. E. M. Fleck
Corliss Station, Pittsburgh 4, Pa.
Founded in 1909 to manufacture ceramic colors and chemicals; producers of a complete line of colors for potteries, glass decorating, and porcelain enamels; also owners and operators of an ore-refining plant in Canonsburg, Pa.

Vollrath Company Jean C. Vollrath
18th and Michigan Aves., Sheboygan, Wis.
In peacetime, manufacturers of enameled cast-iron ware and steel hollow ware, stainless-steel hollow ware, and cast-iron ground ware; present production largely for the armed services.

Wallace China Co., Ltd. Wallace B. Wood
Box 47, Huntington Park, Calif.
Manufacturers of chinaware and hotel ware.

Walsh Walsh, John, Ltd. W. G. Riley
Soho & Vesta Glassworks, Birmingham 18, England
Producers of first-quality handmade decorative domestic crystal and tableware; special lighting glass for illuminating fittings; scientific reflectors for floodlighting shop windows and the cinema industry; optical prisms for the optical trade and scientific equipment for the armed services.

Walsh Refractories Corp. J. L. Crawford
4070 North 1st Street, St. Louis 7, Mo.
Manufacturers of a complete line of fire-clay refractories, especially for the glass industry, including Walsh vacuum Cast-Flux block, refractory upper structure, feeder parts, checker-brick, high-alumina, superduty, high heat-duty, and intermediate-duty firebrick, high-temperature bonding mortars, plastic refractories, and castable refractories.

Waltham Grinding Wheel Co. Robert L. Lyons
Waltham, Mass.
Producers of bonded abrasives by the vitrified, resinoid, and shellac processes, the line including grinding wheels, cutoff wheels, mounted wheels and points, segments, and hand brick and sticks.

Washington Brick Co. Thomas Somerville III
Washington-Baltimore Blvd., Muirkirk, Md.
Manufacturers of common and oak-bark face brick; originators of the Circle System; cinder blocks; distributors in

the Washington area products, including lining, glazed brick

Washington Porcelain Willoughby
Manufacturers since parent company, 1 Co., Hartford, Conn. of electrical wiring

Watt Pottery Comp
Manufacturers of a stoneware body, with at top and bottom trade-name Eve-Ners, and other piece

Wayne Laboratories 17 E. N
Analytical, consulting control of raw materials, analyses and physical rocks, minerals, and search for postwar p

Western Brick Co.
Producers of face and red and buff; ceramic lightweight fired clay manufacture of paving produced.

Western Electric Co. Hawthorn
Bell System telephone, telephone plant equipment; and electronic equipment

Western Feldspar 1333 W
Producers of western enamel plants.

Westinghouse Electric
This plant makes particular, it manufactures and distributes Prestite porcelain insulations industry.

Westinghouse Electric Glass Plant

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Washington Porcelain Co.

Willow St., Washington, N. J.

Manufacturers since 1917 of electrical porcelain for the
parent company, The Arrow Hart & Hegeman Electric
Co., Hartford, Conn., which is engaged in the manufacture
of electrical wiring devices and electrical controls.

Watt Pottery Company

Crooksville, Ohio

Manufacturers of a matched line of kitchenware of yellow
stoneware body, with sprayed brown stain under the glaze
at top and bottom and over-all clear glaze, known by the
trade-name Eve-N-Bake; deep-bowl sets, casseroles, roast-
ers, and other pieces, all in matching design.

Wayne Laboratories

17 E. Main St., Waynesboro, Pa.

Analytical, consulting, and research chemists; testing and
control of raw materials and finished products, chemical
analyses and physical testing and thin-section studies of
rocks, minerals, and ceramic materials; control and re-
search for postwar period.

Western Brick Co.

Danville, Ill.

Producers of face and common building brick in shades of
red and buff; ceramic roofing granules and Haydite, a
lightweight fired clay aggregate; facilities for the manu-
facture of paving brick and hollow tile, not regularly pro-
duced.

Western Electric Co., Inc.

Hawthorne Station, Chicago 23, Ill.

Bell System Supply Department and manufacturers of
telephone, telephone-exchange, and outside-telephone-
plant equipment; at present, producers of communications
and electronic equipment for the Nation's armed forces.

Western Feldspar Milling Co.

1333 W. Maple St., Denver 9, Colo.

Producers of western feldspars for glass, pottery, and
enamel plants.

Westinghouse Electric Corp.

Derry, Pa.

This plant makes electrical porcelain products. In par-
ticular, it manufactures high-tension porcelain for trans-
mission and distribution systems; also Prestite and zircon
Prestite porcelains for special designs of the communica-
tions industry.

Westinghouse Electric Corp.,
Glass Plant

Fairmont, W. Va.

This plant produces fluorescent tubes used in the manufac-

C. H. Ackerson

Loren M. Watt

John J. Shank

I. R. Cline

L. I. Shaw

J. W. Magnuson

John D. Harnish

LeGrand Jarrett

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for making incandescent and fluorescent lamps; and hand-
blown borosilicate bulbs and cylinders for use in the manu-
facture of electronic devices and incandescent lamps.

West Virginia Brick Co.

Charleston, W. Va.

Manufacturers of firebrick and producers of fire clay.

Wheaton, T. C., Co.

1118 N. High St., Millville, N. J.

Manufacturers of borosilicate glass for the biological trade
for packaging such items as blood plasma, penicillin, and
insulin; all types of industrial glassware, radar, and elec-
tronic glass components; also a line of perfume and cos-
metic containers, including glass-stoppered bottles.

Wheeling Steel Corp.

Yorkville, Ohio

Manufacturers of steel products, including special enam-
eling sheets for makers of porcelain enameled hollow ware;
plants at Steubenville, Yorkville, Martins Ferry, and
Portsmouth, Ohio; and East Steubenville, Beech Bottom,
Warwood, Wheeling, and Benwood, W. Va.; general
offices at Wheeling, W. Va.

Willson Products, Inc.

Box 622, Reading, Pa.

Originators of Willsonite, Willson-Weld, Alubro-Weld,
Super-Tough, and other special glasses for eye protection;
manufacturers of sunglasses and a complete line of eye,
head, and respiratory protective devices; also air-analysis
apparatus for industry.

Winstone's Roofing Tile Works, Ltd.

Taumarunui, North Island, New Zealand

Wisconsin Porcelain Co.

Sun Prairie, Wis.

Manufacturers of approximately 2000 different items of
special porcelain material, wet-process excluded; also re-
fractory material of all types, steatite, and material used
for filtering purposes; four tunnel kilns and about 270
employees.

Woodville Lime Products Co.

2140 Jefferson Ave., Toledo, Ohio

For more than forty years producers of finest-quality high-
magnesium lime, oxide and hydrated; consistently low iron
content; prompt shipments can be made from plant of
large capacity.

Worcester Royal Porcelain Co., Ltd.

Worcester, England

Producers of fine bone china dinnerware, statuettes, and
ornamental ware; hard felspathic porcelain laboratory
ware and cooking hotel ware; alumina porcelain sparking-
plug insulators and technical porcelains.

CORPORATION MEMBERSHIP

If your company is not represented in the foregoing list, it can be brought
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THE AMERICAN CERAMIC SOCIETY, INC.

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Fairmont, W. Va.
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