

VOLUME 1

⁸³
1958

**NATIONAL
SAFETY
CONGRESS
TRANSACTIONS**

GENERAL SESSIONS



NATIONAL SAFETY COUNCIL
425 N. MICHIGAN AVE. • CHICAGO 11, ILL.

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thinks that a high percentage of accidents are related to personality problems.

Dr. Richard Hoffman of New York disagrees with the theory that certain people are "accident prone." He takes the very practical view that the chief causes of accidents are inattention, fatigue and carelessness. But, he says, a troubled mind causes inattention, and anger produces carelessness.

The point made by all three of these eminent psychiatrists is that the state of mind of the driver is an all-important factor. The attitude of the man behind the wheel is what must concern us. Anger kills more motorists than blowouts—and anger can't be detected by safety inspections. Motorists pull to the side of the road if they are

sleepy; perhaps they should likewise pull over when in inner turmoil.

All of us interested in safety, working as a team, have made some progress. The mileage death rate at the start of this traffic safety campaign in 1946 was 9.8. Last year it was down to 5.9. If the mileage death rate had remained at the 1946 level, 155,000 more people would have died in traffic accidents last year alone. This is equal to the population of Raleigh, North Carolina.

It is a great satisfaction—a very great satisfaction—to The Advertising Council to have been your partner all these years, and to have played even a small part in preventing so many American tragedies.

SAFETY EXPOSITION EXHIBITORS

Acme Protection Equipment Co., South Haven, Mich.
Industrial gas masks, chemicals and accessories.

Advance Glove Mfg. Co., Detroit, Mich.
Work gloves.

Aetna Casualty & Surety Co., Hartford, Conn.
Safety educational aids and services including Aetna Drivotrainer.

Akron Brass Mfg. Co., Inc., Wooster, Ohio
Fire hose nozzles and accessories.

Alan Wood Steel Co., Conshohocken, Pa.
Abrasive rolled steel floor plate.

American Allsafe Co., Inc., Buffalo, N. Y.
Dry-brow the Nation's Sweat Band and Greenline Emergency Release.

American Biltrite Rubber Co., Chelsea, Mass.
Rubber, composition and neoprene safety soles.

American Brattice Cloth Corp., Warsaw, Ind.
Warning signals, ventilation tubing, flame-resistant jute and canvas curtains.

American Chain & Cable Co., Inc., Bridgeport, Conn.
Sling chains and Kuplex sling chain assemblies, wire rope slings and assemble-your-own wire rope slings.

American Industrial Safety Equipment Co., Inc., Cleveland, Ohio
Face shields, goggles, gloves and mittens.

American La France Corp., Elmira, N. Y.
Fire apparatus and fire fighting equipment.

American Mat Corp., Toledo, Ohio
All-purpose rubber, vinyl, wood and steel mats.

American Optical Co., Southbridge, Mass.
Head, eye, respiratory protective devices; safety clothing, safety specialty products.

American Optometric Assn., St. Louis, Mo.
"Vision for Safety"—on the highway, in industry.

Ampco Metal, Inc., Milwaukee, Wis.
Non-sparking, corrosion-resistant safety tools.

Ansul Chemical Co., Marinette, Wis.
Dry chemical fire protection equipment.

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Antrex Corp., Chicago, Ill.

Battery-powered public address megaphones, helmet radios, tape recorders.

Arcadia Mfg. Co., Birmingham, Mich.

Plastic coated gloves and aprons for industry.

Award Incentives, New York, N. Y.

Safety incentive award programs, emblems, plaques and trophies.

Ballymore Co., West Chester, Pa.

Rolling safety step ladders, movable work platforms, mobile access lifts and hydraulic lift work platforms.

Bashlin, W. M., Co., Grove City, Pa.

Linemen's and industrial safety equipment.

Bausch & Lomb Optical Co., Rochester, N. Y.

Safety glasses, Ortho-Raters and "Titan" safety frame.

Becker Surgical Supply, Chicago, Ill.

First aid kits, oxygen emergency units, grease-proof adhesive compresses.

Behone Hearing Aids Co., Chicago, Ill.

Audiometers, hearing aid tests.

The Beryllium Corp., Reading, Pa.

Safety tools.

Best, Alfred M. Co., Inc., New York, N. Y.

Safety publications.

Bethlehem Steel Co., Bethlehem, Pa.

Wire rope slings, standard and braided slings.

Blackhawk Mfg. Co., Milwaukee, Wis.

Hydraulic rescue equipment for industry.

Bradley Washfountain Co., Milwaukee, Wis.

Group washing equipment.

Brady Co., W. H., Milwaukee, Wis.

Self-sticking safety products, Perma-Code pipe makers.

Breck, John H., Inc., Springfield, Mass.

Industrial hand cleaner; hair and scalp preparations.

Brossard, Lester L., Co., Chicago, Ill.

Klear-Vu traffic mirrors and Klear-Vu traffic lane markers.

Browne, Stewart R. Mfg. Co., Inc., New York, N. Y.

Electrical safety equipment, explosion-proof and vapor-proof portable inspection lites, explosion-proof flashlites, grounding devices.

Safety Exposition Exhibitors

Brulin & Co., Inc., Indianapolis, Ind.

Floor treatments, cleaners, disinfectants, insecticides.

Buffalo Fire Appliance Corp., Dayton, Ohio

Portable fire extinguishers and fire department accessories.

Buhrke, R. H., Co., Chicago, Ill.

Occupational safety equipment and products for construction and maintenance.

Bullard, E. D., Co., Sausalito, Calif.

Industrial safety equipment.

Campbell Chain Co., York, Pa.

Sling chains, welded and weldless chains.

Chance, A. B., Co., Centralia, Mo.

Hot line maintenance tools and line construction tools.

Chemical Corp., The, Springfield, Mass.

Protective hand creams, cleaners and lotions.

Chicago Eye Shield Co., Chicago, Ill.

Head and eye protective equipment.

Clark, J. R., Co., Spring Park, Minn.

Industrial ladders.

Columbus-McKinnon Chain Corp., Tonawanda, N. Y.

Alloy steel sling chains.

Cunningham, M. E., Co., Pittsburgh, Pa.

Safety marking tools.

Daisy Mfg. Co., Rogers, Ark.

Air rifle.

Davis Emergency Equipment Co., Inc., Newark, N. J.

Respiratory protection, combustible gas indicators, safety and first aid equipment.

Detex Watchclock Corp., Chicago, Ill.

Watchmen's clocks.

AMF DeWalt, Inc., Lancaster, Pa.

Radial arm woodworking equipment and safety features.

Dockson Corp., Detroit, Mich.

Welding helmets, face shields, cup and spectacle type goggles, respirators and eye savers.

Doho Chemical Corp., Mallon Div., New York, N. Y.

Dermoplast aerosol for relief of 2d and 3d degree burns.

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Dow Corning Corp., Midland, Mich.
Sight saver cleaning stations, shoe saver, safety shoes.

Duo-Safety Ladder Corp., Oshkosh, Wisc.
Wood and aluminum safety ladders and stages.

Du Pont, I. E., de Nemours & Co., Inc., Wilmington, Del.
Flame retardant for fabrics and paper, anti-slip floor waxes, protective creams, Neoprene products.

Eagle Mfg. Co., Wellsburg, W. Va.
Safety cans, oilers, oil and gasoline containers.

Edmont Mfg. Co., Coshocton, Ohio
Coated fabric work gloves.

Elkhart Brass Mfg. Co., Inc., Elkhart, Ind.
Fire extinguishers, municipal and industrial brass goods.

Elliott Service Co., Inc., Mount Vernon, N. Y.
Accident prevention displays, safety conference programs, Supervisor's Weekly Bulletin, suggestion system service.

Emerson, J. H., Co., Cambridge, Mass.
Resuscitators, inhalators and safety matting.

Federal Sign & Signal Corp., Chicago, Ill.
Sirens, warning lights, horns, bells and electronic sirens.

Fendall Co., Chicago, Ill.
Head and eye protection equipment.

Fibre-Metal Products Co., Chester, Pa.
Eye, head, and face protection and welding accessories.

Fine Organics, Inc., New York, N. Y.
High flash, low toxicity safety solvents.

Ford Motor Co., Dearborn, Mich.
Ford automobiles, featuring Lifeguard steering wheels, sun visors, seat belts, instrument panel padding, and door latches.

Frommelt Industries, Dubuque, Iowa
Portable welding shield and protective heat cloth.

Fyrepel Products, Inc., Newark, Ohio
Aluminized glass cloth heat protective clothing for industry and fire fighting.

Fyr-Fyter Div., Fyr-Fyter Co., Dayton, Ohio
Fire extinguishers, resuscitators and respirators.

Safety Exposition Exhibitors

General Fire Extinguishers Corp., Chicago, Ill.
Quick-Aid fire extinguishers and allied products.

The Geotechnical Corp., Dallas, Texas
Blastcorder—portable device for immediate recording of blast intensity.

Glendale Optical Co., Inc., Valley Stream, L. I., N. Y.
Chippers and welders goggles, face shields, safety spectacles.

Globe Co., Grip-Strut Div., Chicago, Ill.
Grip-Strut grating, stair tread materials.

Grimmell Co., Inc., Providence, R. I.
Fixed pipe fire protection systems.

Gro-Cord Rubber Co., Lima, Ohio
Gro-Cord, Raw-Cord and Neo-Cord soles, heels and taps.

Hamilton Watch Co., Lancaster, Pa.
Fine watches for awards.

Haws Drinking Fancet Co., Berkeley, Calif.
Emergency eyewash fountains, emergency showers and goggle wash fountains.

Hild Floor Machine Co., Inc., Chicago, Ill.
Explosion-proof vacuum cleaners and floor machines.

Hopfield Industrial Mfg. Co., San Rafael, Calif.
Fiber glass ladders, structural members.

Hygiene Research, Inc., New York, N. Y.
Protective ointments and mistproofing cloth for goggles, welding masks, windshield.

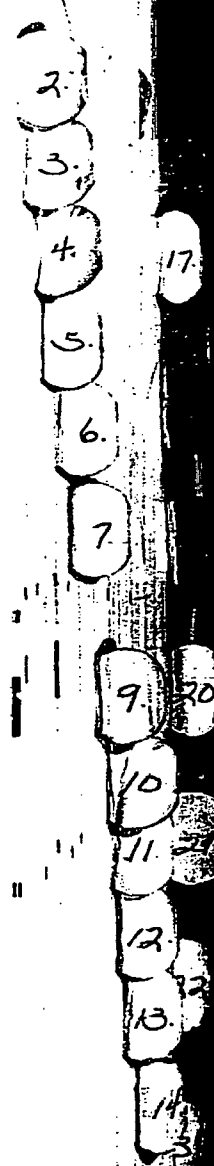
Hy-Test Safety Shoes Div., International Shoe Co., St. Louis, Mo.
Safety footwear; also conductive and special types for atomic usage.

Industrial Acoustics Co., Inc., New York, N. Y.
Audiometric examination rooms, technical publications, industrial hearing conservation programs.

Industrial Gloves Co., Danville, Ill.
Leather, asbestos, duck, wool, Woven-Gard, Permaproof, and aluminized duck and asbestos finger guards.

Institute of Industrial Launderers, Washington, D. C.
Industrial launderers and cleaners.

Insto-Gas Corp., Detroit, Mich.
Torches and furnaces.



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Interstate Rubber Products Corp., Los Angeles, Calif.
Safety Trafficones for traffic control.

Iron Age Div., H. Childs & Co., Inc., Pittsburgh, Pa.
Linemen's and women's leather and rubber industrial safety footwear.

Jackson Products, Air Reduction Sales Co., Div. of Air Reduction Co., Inc., Warren, Mich.
Insulated electrode holders, cable connectors, face shields and goggles.

Jomac, Inc., Philadelphia, Pa.
Industrial work gloves, safety sleeves, hand guards, North P.V.C. gloves, North protective clothing.

Jones & Co., Rumford, R. I.
Full vision visor goggles.

Jones & Laughlin Steel Corp., Pittsburgh, Pa.
Wire rope slings, wire rope.

Junkin Safety Appliance Co., Inc., Louisville, Ky.
Power press guards, grinding wheel shields, stretcher equipment.

Justrite Mfg. Co., Chicago, Ill.
Safety cans, oily waste cans, safety electric lanterns, flashlights and fire extinguishers.

Karel First Aid Supply Co., Chicago, Ill.
Industrial hospital equipment and medical supplies.

Kelley Paint Co., Louisville, Ky.
Convoy skid-proof safety enamel, Halt-fire barrier paint.

Keystone View Co., Meadville, Pa.
Occupational and driver vision tests, lantern slide projectors.

Kidde, Walter & Co., Inc., Belleville, N. J.
Fire detecting and extinguishing equipment, ultrasonic burglar alarm.

Kimball Safety Products Co., Cleveland, Ohio
Personal protective devices for industrial workers.

Mathias Klein & Sons, Chicago, Ill.
Linemen's safety equipment and tools.

Knapp Bros. Shoe Mfg. Corp., Brockton, Mass.
Safety shoes.

Kmz, J., Glove Co., Chicago, Ill.
Linemen's, bridgemen's and welder's quality gloves.

Safety Exposition Exhibitors

Leader Mfg. Co., Inc., Briarcliff, N. Y.
Pressurized dry chemical extinguishers.

Legge, Walter G., Co., Inc., New York, N. Y.
Safety floor maintenance materials, conductive coatings, static eliminators.

Lehigh Safety Shoe Co., Emmaus, Pa.
Leather and rubber safety footwear.

Lightfoot Co., Inc., The, New York, N. Y.
Shin cleansers—powdered, liquid, bar and waterless.

Lowery Brothers, Inc., Chicago, Ill.
Wire rope splicing service.

Maico Electronics, Inc., Minneapolis, Minn.
Maico audiometers for industrial hearing testing.

Marsh & McLennan, Inc., Chicago, Ill.
Insurance broker and agencies.

Martindale Electric Co., Cleveland, Ohio
Protective dust masks, eye protectors, face shields, safety electric test instruments.

Masury-Young Co., Boston, Mass.
Floor maintenance materials.

McAn, Thom, Safety Shoe Div., New York, N. Y.
Safety shoes.

McDermott, Julian A., Corp., Ridgewood, L. I., N. Y.
Warning and safety lighting for municipal, industrial, utility and aviation use.

McDonald, B. F., Co., Los Angeles, Calif.
Industrial safety equipment

McKay Co., Pittsburgh, Pa.
Industrial chain, tire chains, arc welding electrodes, stainless and alloy wire.

Medical Supply Co., Rockford, Ill.
Flexible unit aid, snake bite first aid, burn first aid.

Metropolitan Life Insurance Co., New York, N. Y.
Useful materials for use in community health and safety programs.

Micro Switch, Div. of Minneapolis-Honeywell Regulator Co., Freeport, Ill.
Safety interlock switches and electric controls for power machines.

Milburn Co., Detroit, Mich.
Ply skin protective creams, ply garb safety and protective clothing, plygloves plastic coated work gloves, ply waterless hand cleaner.

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- Miller Equipment Co., Inc., Franklin, Pa.**
Linemen's safety belts, straps accessories and industrial safety belts.
- Mine Safety Appliance Co., Pittsburgh, Pa.**
Safety equipment for every industry.
- National Medical Supply Co., Chicago, Ill.**
Industrial first aid supplies equipment and instruments.
- Newco Mfg. Co., Inc., Kansas City, Mo.**
Wire rope fittings, safety hooks, load protectors.
- Notifier Mfg. Co., Lincoln, Neb.**
Fire detection, sprinkler supervisory, watchman tour, municipal alarm systems.
- Occupational Hazards, Cleveland, Ohio**
Publishers.
- Onox, Inc., San Francisco, Calif.**
Onox Skin Toughener and Footmats for Athlete's Foot.
- Osborn Mfg. Corp., Warsaw, Ind.**
Safety Pliers and tongs for feeding punch presses.
- Oxygen Equipment & Service Co., Chicago, Ill.**
Respiratory equipment.
- Oxy-Gear, Inc., Chicago, Ill.**
Portable emergency oxygen inhalator kits, controlled flow pure oxygen.
- Pac-Kit Co., Greenwich, Conn.**
Unit type first aid equipment.
- Packwood, G. H., Mfg. Co., St. Louis, Mo.**
Safety industrial skin cleaners and dispensers.
- Patent Scaffolding Co., Inc., Chicago, Ill.**
Wood, aluminum and magnesium safety ladders, suspended sectional steel tubular steel and aluminum scaffolding sidewalk protection canopies, steel grandstands and fold-a-way scaffold.
- Perfect Circle Corp., Hagerstown, Ind.**
Piston rings, sleeve castings, Speedostat (driving aid).
- Petersen Engineering Co., Santa Clara, Calif.**
Pengo tension wire stringer, Pengo earth augers and other construction equipment for the utility industry.
- Pioneer Rubber Co., Willard, Ohio**
Gloves; all kinds, liquid proof.

Safety Exposition Exhibitors

- Portable Light Co., Inc., New York, N. Y.**
Vehicular and emergency searchlights, general alarm sirens.
- Porto-Clinic Instruments, Inc., New York, N. Y.**
Driver testing and training equipment and visual aids for driver and traffic safety.
- Positive Safety Mfg. Co., Cleveland, Ohio**
Power press guards.
- Prairie State Products Co., Chicago, Ill.**
Metal and electrical safety and directional signs.
- Progress Industries, Inc., Providence, R. I.**
Safety goggles.
- Protectoseal Co., Chicago, Ill.**
Fire prevention equipment for flammable solvents.
- Pulmosan Safety Equipment Corp., Brooklyn, N. Y.**
Respirators, eye protection, helmets, protective clothing, asbestos and leather gloves.
- Putnam Rolling Ladder Co., Inc., New York, N. Y.**
Reinforced plastic and extension and single ladders, and oak rolling ladders.
- Pyrene—C-O-Two Div., The Fyr-Fyter Co., Newark, N. J.**
Carbon dioxide and dry chemical extinguishers and systems. Smoke detectors.
- Racine Glove Co., Inc., Rio, Wis.**
Gloves, apparel, protective equipment—leather, asbestos, and steel reinforced.
- Radiator Specialty Co., Charlotte, N. C.**
Safe-T-Cone rubber traffic guides.
- Randolph Laboratories, Inc., Northbrook, Ill.**
Carbon dioxide fire extinguishers, dry chemicals on automatic systems.
- Riegel Textile Corp., Industrial Gloves Div., New York, N. Y.**
Industrial work gloves.
- Rockwood Sprinkler Co., Worcester, Mass.**
Automatic fire protection systems; sprinklers, waterfog, fogfoam and foam.
- Rose Mfg. Co., Denver, Colo.**
Industrial safety equipment.
- Safeguard Mfg. Co., Woodbury, Conn.**
Modern press guards.

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Safety Box Toe Co., Boston, Mass.

Safety steel toes.

Safety Clothing & Equipment Co., Cleveland, Ohio

Safety clothing and equipment for every type of industrial worker.

Safety First Products Corp., Elmsford, N. Y.

Fire extinguishers.

Safety First Shoe Co., Inc., Holliston, Mass.

Safety steel toe shoes for men.

Safety Tower Ladder Co., Burbank, Calif.

Safety equipment for fixed ladders and scaffolds.

Saf-T-Boom, Inc., Little Rock, Ark.

Crane attachment for worker protection from energized electric lines.

Salisbury, W. H., & Co., Chicago, Ill.

Linemen's rubber protective equipment.

Sarole, Inc., Linden, N. J.

Non-traumatic carrier.

Sawyer-Tower, Inc., Boston, Mass.

All types of protective and safety clothing.

C. D. Scarlett Co., Inc., Lansing, Mich.

Sky-Walk pedestrian overpass.

Schrader's A., Son Div., Brooklyn, N. Y.

Pneumatic press controls, valves, cylinders and associated products.

Scott Aviation Corp., Lancaster, N. Y.

Scott air-pak demand inhalator, demand respirator, hydro-pak.

Searjeant Metal Products, Inc., Mendon, N. Y.

Punch press safety guards, controls, and accessories.

Sellstrom Mfg. Co., Palatine, Ill.

Face and eye protection equipment.

Speakman Company, Wilmington, Del.

Industrial emergency showers, eye-wash fountains.

Standard Safety Equipment Co., Palatine, Ill.

Industrial safety equipment.

Stanton Scientific Equipment Co., Los Angeles, Calif.

Back pack and hospital resuscitators for industrial applications.

Safety Exposition Exhibitors

Stephenson Corp., Red Bank, N. J.

Automatic resuscitation equipment and chemical breath test for intoxication.

Stonehouse Signs, Inc., Denver, Colo.

Industrial accident prevention signs.

Stop-Fire, Inc., Monmouth Junction, N. J.

Fire extinguishers.

The Surety Rubber Co., Carrollton, Ohio

Personal protective equipment for industrial and electrical workers.

The Surety Mfg. Co., Inc., Chicago, Ill.

Linemen's safety equipment and industrial workers protective equipment.

Swivelier Co., Inc., New York, N. Y.

Universally adjustable lighting equipment.

Taylor, S. G. Chain Co., Inc., Hammond, Ind.

"Taylor-Made" alloy steel sling chains and allied products including Tayco patented alloy steel drop forged hooks.

Tect, Inc., Northvale, N. J.

Vythene and other Tecsolve safety solvents.

Titmus Optical Co., Inc., Petersburg, Va.

Safety eyewear, ophthalmic instruments, lenses, frames and sun wear.

Union Wire Rope Corp., Kansas City, Mo.

Wire rope "Tuffy" slings, "Tuffy" towlines.

United States Rubber Co., New York, N. Y.

Industrial safety clothing, safety footwear.

United States Safety Service Co., Kansas City, Mo.

Modern industrial eyewear, sold direct to user.

Wagner Sign Service, Inc., Chicago, Ill.

Wagner changeable copy displays.

Watchmocket Optical Co., Inc., Providence, R. I.

"Eye-Savers" plastic eye protection and Plasi-Glow safety signs.

Welsh Mfg. Co., Providence, R. I.

Safety goggles, lens, face shields and helmets.

Westline Products Div. of Western Lithograph Co., Los Angeles, Calif.

Industrial signs, markers, safety signs, pipe markers, labels, letters-number-signs.

Wheeler Protective Apparel, Inc., Chicago, Ill.

Industrial safety clothing for heat and abrasive hazards.