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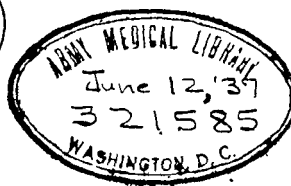
1933

TRANSACTIONS

National Safety Council

Incorporated

TWENTY-SECOND ANNUAL
SAFETY CONGRESS



Chicago, Illinois

October 2 to October 6, 1933

The Stevens Hotel

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National Safety Council

Incorporated

20 North Wacker Drive, Chicago

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 RICHARD H. DAVIS, Blackstone Valley Safety Council.
 L. W. DAWLEY, Refrigeration Section.
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 DR. R. M. LITTLE, New York Department of Education.

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L. A. LOHMAN, Madison County Safety Council.
JOHN E. LONG, The Delaware & Hudson Railroad Corporation.
H. W. LOW, Rubber Section.
W. R. LLOYD, Safety Division, Birmingham Chamber of Commerce.
H. T. MARTIN, Fisk Rubber Company.
F. W. MATSON, Minnesota Safety Council.
PAXTON MENDELSSOHN, Detroit.
HENRY MINEUR, Elizabeth Safety Council.
W. S. MOELLERING, Ft. Wayne Safety Council.
R. B. MORLEY, Industrial Accident Prevention Associations.
M. J. MCCARTHY, Automotive & Machine Shop Section.
MILLER MCCLINTOCK, Harvard University.
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B. W. NUTT, Accident Prevention Equipment Manufacturers' Section.
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GEORGE C. A. OPP, Detroit Edison Company.
LEW R. PALMER, Equitable Life Assurance Society.
JOHN C. PARKER, Brooklyn Safety Council.
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GEORGE P. SINGER, Reading-Berks County Safety Council.
LEE E. SKEEL, Cleveland Safety Council.
C. W. SMITH, Standard Oil Company (Indiana).
W. D. SMITH, Delaware Safety Council.
R. T. SOLENSTEN, Elliott Service Company.
W. D. SPEIGHT, Peoria Safety Council.
E. C. SPRING, Lansdale, Pa.
GEORGE R. STEPHENS, The Safety Bureau, Buffalo Chamber of Commerce.
LUCIUS S. STORRS, United Railways & Electric Company.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
NATIONAL SAFETY COUNCIL



Accident Prevention Equipment Manufacturers' Section

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Treasurer—ALLEN CLARK, The Safety Clothing Co., Cleveland, O.

Secretary—F. H. KLEIN, Willson Products, Inc., Reading, Pa.

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F. R. DAVIS, Davis Emergency Equipment Co., New York City.

LAWRENCE E. DICKSON, Standard Safety Equipment Co., Chicago, Ill.

HOWARD B. FONDA, Burroughs Wellcome & Co. (U. S. A.), Inc., Tuckahoe, N. Y.

I. W. MILLARD, Industrial Gloves Corp., Danville, Ill.

GEORGE E. SHULL, Safety First Supply Co., Pittsburgh, Pa.

EDWARD H. SYKES, 628 Grant St., Pittsburgh, Pa.

FREDERICK WAHLERT, Pulmosan Safety Equipment Corp., Brooklyn, N. Y.

E. L. WHEELER, F. H. Wheeler Manufacturing Co., Chicago, Ill.

BUSINESS SESSION

October 2, 1933

The business session of the Accident Prevention Equipment Manufacturers' Section was held on Monday evening, October 2, during the Congress, at which the report of General Chairman R. T. Solensten was presented, covering the activities of the section committees during the year. The report of the Nominating Committee was then presented, and officers were elected as follows:

General Chairman—Buell W. Nutt, Safety Equipment Service Co., Cleveland, O.

Vice-Chairman—I. W. Millard, Industrial Gloves Corp., Danville, Ill.

Secretary—George S. Shull, Safety First Supply Co., Pittsburgh, Pa.

Treasurer—L. J. Bowker, Mine Safety Appliances Co., Pittsburgh, Pa.

Executive Committee—

E. W. Bullard, E. D. Bullard Co., San Francisco, Calif.

Frederick Wahlert, Pulmosan Safety Equipment Corp., Brooklyn, N. Y.
Charles H. Gallaway, American Optical Co., Southbridge, Mass.

Accident Prevention Equipment Manufacturers

Who Made Exhibits at the Twenty-Second Annual Safety Congress
and Exposition, Stevens Hotel, Chicago, Illinois,
October 2-6, 1933.

American Air Filter Company, Louisville, Kentucky
Air filters and dust collecting equipment.

American Ladder Company, Chicago, Illinois
Safety ladders.

American-LaFrance & Foamite Industries, Elmira, New York
Fire protection equipment.

American Optical Company, Southbridge, Massachusetts
Industrial eye protection.

Ampco Metal, Inc., Milwaukee, Wisconsin
Non-sparking tools.

Bauer & Black, Chicago, Illinois
Surgical dressings and first aid kits.

Robert A. Bernhard, Rochester, New York
Saf-T-Top ampoules and Saf-fast adhesive.

R. H. Buhrke Company, Chicago, Illinois
Safety belts, straps, buckets, and tool guards.

E. D. Bullard Company, San Francisco, California
Safety equipment for mines and industry.

Burroughs Wellcome & Co. (U. S. A.) Inc., New York City
First aid and medical equipment and surgical dressings.

Chicago Eye Shield Company, Chicago, Illinois
Head and eye protection equipment.

Chippewa Shoe Manufacturing Company, Inc., Chippewa Falls, Wisconsin
Gardtoe and Kushion-Air safety shoes.

C-O Two Fire Equipment Company, Newark, New Jersey
Automatic and Manual carbon dioxide fire extinguishing systems.

Davis Emergency Equipment Co., Inc., New York City
First aid, gas masks and safety equipment.

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Holco
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Jun
Walte
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Lakev
Tra
Lehig
Lea
Lima
Gro
Liqui
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Metro
Inst

- Dudley Lock Corporation, Chicago, Illinois
Combination locks, key locks and builders hardware.
- Eagle Signal Corporation, Moline, Illinois
Traffic signal equipment and industrial timing equipment.
- Economy Electric Lantern Company, Chicago, Illinois
Safety ecolite electric hand lanterns.
- Elliott Service Company, New York City
Foremanship bulletins: quality, waste and safety education displays.
- Holcomb Safety Garment Company, Chicago, Illinois
Industrial safety clothing.
- Hynson, Westcott & Dunning, Baltimore, Maryland
Mercurochrome.
- Illustrated Current News, Inc., New Haven, Connecticut
Current event pictures for bulletin boards.
- Indian Motorcycle Company, Springfield, Massachusetts
Police motorcycles and equipment.
- International Shoe Company, St. Louis, Missouri
Safety shoes.
- Justrite Manufacturing Company, Chicago, Illinois
Approved oily waste and safety cans.
- Junkin Safety Appliance Company, Louisville, Kentucky
Junkin safety guards for punch presses.
- Walter Kidde & Company, Inc., New York City
Lux carbon dioxide type fire extinguishing equipment.
- Lakewood Engineering Company, Columbus, Ohio
Traffic signs.
- Lehigh Safety Shoe Co., Inc., Allentown, Pennsylvania
Leather and rubber safety footwear.
- Lima Cord Sole & Heel Company, Lima, Ohio
Gro-Cord and Raw-Cord non-slip soles and heels.
- Liquid Carbonic Company, Chicago, Illinois
Infestation control devices.
- The Machined Steel Casting Company, Alliance, Ohio
Rotary safety highway guard.
- The Merdis Corporation, Chicago, Illinois
Utilite flares.
- Metropolitan Life Insurance Company, New York City
Insurance.

Milburn Company, Detroit, Michigan
Dermatological creams.

Mine Safety Appliances Company, Pittsburgh, Pennsylvania
Equipment for mine and industrial safety.

National Safety Council, Chicago, Illinois
Poster, Library and Education Division.

Olympic Glove Company, New York City
Gloves for industrial use.

Pangborn Corporation, Hagerstown, Maryland
Blast cleaning and dust collecting equipment.

The Patent Scaffolding Company, Chicago, Illinois
Gold Medal ladders and scaffolds.

Portable Lamp and Equipment Company, Pittsburgh, Pennsylvania
Electric mine lamps and safety equipment.

The Protectoseal Company, Chicago, Illinois
Flame arrestors, tank fittings, safety cans, bench cans, etc.

Pulmosan Safety Equipment Corporation, Brooklyn, New York
Respiratory protection and general industrial safety appliances.

Pyrene Manufacturing Company, Newark, New Jersey
Hand fire extinguishers, chemical engines on wheels, phomene hopper, continuous foam generator; phomene systems.

Safety Equipment Service Company, Cleveland, Ohio
Drednaut goggles and general safety equipment.

Safety First Shoe Company, Holliston, Massachusetts
Safety First shoes.

W. H. Salisbury & Co., Inc., Chicago, Illinois
Linemen's rubber protective devices.

Shepherd Safety Shoe Corporation, Chicago, Illinois
Safety shoes, oxfords and boots.

The W. W. Sly Company, Cleveland, Ohio
Sly dust collecting systems and Sly Purair helmet.

F. J. Stahmer Shoe Company, Davenport, Iowa
Davenport wooden sole footwear.

Standard Safety Equipment Company, Chicago, Illinois
General safety equipment.

Stonehouse Signs, Inc., Denver, Colorado
Accident prevention signs made of steel.

Surdy Manufacturing Company, Inc., Chicago, Illinois
Safety guards for all kinds of machinery.

Accident Prevention Equipment Manufacturers' Section 177

The John S. Tilley Ladders Company, Inc., Watervliet, New York
Ladders.

Tuthill Spring Company, Chicago, Illinois
Tuthill highway guard.

Universal Atlas Cement Company, Chicago, Illinois
Atlas white portland cement for traffic markers.

Willson Products, Inc., Reading Pennsylvania
Personal protective devices for head, eyes, nose and throat.

Wilmot Castle Company, Rochester, New York
Sterilizing apparatus for first aid rooms, hospitals, doctors, dentists and laboratories.

Wil-X-M'fg Corporation, Brooklyn, New York
Wilbur fire extinguisher.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
NATIONAL SAFETY COUNCIL



Aeronautical Section

Officers 1932-33

Chairman—LESTER D. SEYMOUR, American Airways, Inc., Chicago.

Vice-Chairman—CAPTAIN E. V. RICKENBACKER, North American Aviation Corp., New York City.

Secretary—W. DEAN KEEFER, National Safety Council, Chicago.

THURSDAY MORNING SESSION

October 5, 1933

The session of the Aeronautical Section was called to order by Lew R. Palmer, conservation engineer, The Equitable Life Assurance Society, New York City, who welcomed the delegates in the name of the Executive Committee of the National Safety Council, and then introduced Paul A. Wright, American Airways, Inc., Chicago, who presided. Chairman Wright briefly outlined the program prepared for the meeting and then introduced the first speaker.

Safety in Air Transport

By W. A. PATTERSON

President, United Air Lines, Chicago

The speaker said in part: The new dependability and expansion of air transportation has come simultaneously with added dependability of flight. Safety in the air has come from a background of experience, plus improved airplanes and engines, new and important scientific aids to aerial navigation, improved servicing plants, extensive ground facilities and a firm attitude of responsible air lines that safety first must be the controlling factor at all times.

Let me, for example, describe one of the new Boeing all-metal multi-motored monoplanes, which have a top speed of 182 miles an hour and cruise 171 miles an hour, yet land at the low speed of 58 miles an hour, because the designers gave them a low-wing loading. They are powered with two 550 horse-power supercharged wasp motors, and should one motor cut out or lose its full power, this airplane can maintain its altitude on one motor and continue its flight as long as the gasoline holds out.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
NATIONAL SAFETY COUNCIL



American Society of Safety Engineers--Engineering Section

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Vice-Chairman—E. S. BEAUMONT, Peoples Gas Light & Coke Co., Chicago.

Secretary—W. DEAN KEEFER, National Safety Council, Chicago.

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C. B. AUEL, Westinghouse Electric and Manufacturing Co., East Pittsburgh, Pa.

J. I. BANASH, Consulting Engineer, Chicago.

E. W. BECK, United States Rubber Co., New York City.

E. F. BLANK, Jones & Laughlin Steel Corp., Pittsburgh, Pa.

W. GRAHAM COLE, Metropolitan Life Insurance Co., New York City.

J. E. CULLINEY, Bethlehem Steel Co., Bethlehem, Pa.

R. E. DONOVAN, Standard Oil Co. of Calif., San Francisco.

W. M. GRAFF, National Bureau of Casualty and Surety Underwriters, New York City.

HARRY GUILBERT, Pullman Co., Chicago.

A. S. JOHNSON, American Mutual Liability Insurance Co., Boston.

M. G. LLOYD, United States Bureau of Standards, Washington, D. C.

R. McA. KEOWN, Industrial Commission of Wisconsin, Madison, Wis.

B. B. McCULLOCH, Bureau of Safety, Chicago.

E. E. PLACE, American Mutual Liability Insurance Co., Boston.

J. A. OARTEL, Carnegie Steel Co., Pittsburgh, Pa.

A. S. REGULA, Industrial Relations Counselors, Inc., New York City.

G. E. SANFORD, General Electric Co., Schenectady, N. Y.

W. R. SMITH, United Engineers & Constructors Inc., Newark, N. J.

R. F. THALNER, Buick Motor Co., Flint, Mich.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
NATIONAL SAFETY COUNCIL



Automotive and Machine Shop Section

Officers 1932-33

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Vice-Chairman—DR. JAMES H. GREENE, Studebaker Corp., South Bend, Ind.

Secretary—K. A. CALLAM, Kelsey-Hayes Wheel Corp., Detroit.

News Letter Editor—NILS JUELL, Hayes Body Corp., Grand Rapids, Mich.

Chairman Program Committee—HOYT L. FRACHER, Detroit Steel Products Co., Detroit.

Chairman Statistics Committee—C. W. BISHOP, Lycoming Manufacturing Co., Williamsport, Pa.

Chairman Engineering Committee—V. H. KUPFERER, Studebaker Corp., South Bend, Ind.

Chairman Slides and Safety Kinks Committee—MARVIN A. HEIDT, Budd Wheel Corp., Detroit.

Chairman Membership Committee—M. A. KROGER, General Motors Corp., Detroit.

Chairman Publicity Committee—W. A. BECHILL, Chrysler Corp., Detroit.

Chairman Health Committee—DR. A. F. LECKLIDER, Fisher Body Corp., Detroit.

Members at Large—

L. E. AVERILL, C. H. Dockson Co., Detroit.

C. M. DOTERRER, Detroit.

R. A. SHAW, The Murray Corporation of America, Detroit.

R. F. THALNER, Buick Motor Co., Flint, Mich.

WEDNESDAY MORNING SESSION

October 4, 1933

The Automotive and Machine Shop Section convened with General Chairman M. J. McCarthy, Fisher Body Corporation, Detroit, presiding. Upon calling the session to order, J. I. Banash, president of the National Safety Council, took the chair, welcomed the delegates, and introduced as presiding officer, J. C. Wilson, vice-president in charge of safety, Lumbermens Mutual Casualty Company of Chicago, who acted as chairman throughout the sessions.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
NATIONAL SAFETY COUNCIL



Cement Section

Officers 1932-33

Acting Chairman—DAVID ADAM, Lawrence Portland Cement Co., Northampton, Pa.
Secretary—A. J. B. CURTIS, Portland Cement Assn., Chicago.

News Letter Editor—JACK DEMPSTER, Canada Cement Co. Ltd., Port Colborne, Ont., Canada.

Chairman Poster Committee—A. R. COUCHMAN, North American Cement Corp., Martinsburg, W. Va.

Chairman Program Committee—J. B. ZOOK, Great Lakes Portland Cement Corp., Buffalo, N. Y.

Chairman Membership Committee—H. A. RENINGER, Lehigh Portland Cement Co., Allentown, Pa.

Chairman Engineering Committee—FREDERICK B. HUNT, Nazareth Cement Co., Nazareth, Pa.

Members at Large—

CHARLES P. BENNER, Lehigh Portland Cement Co., Allentown, Pa.

W. W. HAMILTON, Alpha Portland Cement Co., Easton, Pa.

W. M. POWELL, Medusa Portland Cement Co., Cleveland, O.

TUESDAY MORNING SESSION

October 3, 1933

The first session of the Cement Section was called to order by R. B. Fortuin, Pennsylvania-Dixie Cement Corporation, Nazareth, Pa., past chairman of the section. Mr. Fortuin introduced J. B. Zook, Great Lakes Portland Cement Corporation, Buffalo, N. Y., Chairman of the Section Program Committee, who presided. Mr. Zook read an inspiring letter from David Adam, Lawrence Portland Cement Company, Northampton, Pa., Acting General Chairman of the Section, and then called for the report of the nominating committee.

This report was presented by Gordon C. Huth, Universal Atlas Cement Co., and officers were elected as follows:

General Chairman—J. B. Zook, Great Lakes Portland Cement Corp., Buffalo, N. Y.

Vice-Chairman—W. W. Hamilton, Alpha Portland Cement Co., Easton, Pa.

Secretary—A. J. R. Curtis, Portland Cement Association, Chicago, Ill.

News Letter Editor—Jack Dempster, Canada Cement Co., Port Colborne, Ont., Can.

Finance Committee Chairman—Frederick B. Hart, Nazareth Portland Cement Co., Nazareth, Pa.

Membership Committee Chairman—H. A. Rose, Jr., Lehigh Portland Cement Co., Allentown, Pa.

Postal Committee Chairman—M. P. Greer, Marquette Cement Manufacturing Co., Cape Girardeau, Mo.

Prison Committee Chairman—D. B. Coleman, Missouri Portland Cement Co., St. Louis, Mo.

Members at Large—

R. B. Fortum, Pennsylvania Dixie Cement Corp., Nazareth, Pa.

Edward H. Parry, Glens Falls Portland Cement Co., Glens Falls, N. Y.

E. Posselt, International Cement Corp., New York, N. Y.

C. L. Ralston, Pittsburgh Plate Glass Co., Pittsburgh, Pa.

F. F. Town, Manitowoc Portland Cement Co., Manitowoc, Wis.

H. Vanderwerp, Medusa Portland Cement Co., Cleveland, Ohio.

Safety Progress in the Cement Industry

By A. J. R. CURTIS

Assistant to General Manager, Portland Cement Association, Chicago

The speaker said in part: "Nothing has given me greater satisfaction than to find in which our Cement Mill Safety Organizations have continued to carry on lately in the face of tremendous odds. However curtailed operations and reduced personnel have brought us to the point where safety organizations are seriously disrupted in many plants.

Keep close to your men. At least one workman is involved first-aided in every accident. Strengthen your contacts with them by means of social as well as educational means. You can get closer to men by providing brief, kindly advice interspersed with coffee or cider and doughnuts or a few cigars than by inviting them to occupy uncomfortable benches while the speaker offers a long-winded sermon. Many plant safety meetings have been discontinued. The men miss them and would derive unusual advantage from them at this time.

Emphasize the welfare angle in your meetings.

So far as possible, call on every man to help in some capacity in connection with safety and welfare work. Successive meetings might well be in charge of different departments.

The General Safety Committee might be amplified considerably by the appointment of small groups or sub-committees to handle divisions of the work such as the following: plant inspection, accident investigation, first aid training, safety bulletin boards, fire prevention, sanitation, sick investigation, and report, home lunch parties, programs for safety meetings, publicity and social.

In more prosperous times public men frequently have been invited to the plant and have provided beneficial outlet to the employees on subjects involving general economy of the cement industry, and patriotic national subjects. The morale of the men could be benefited greatly today by providing them with more enlightenment and food for thought during these bewildering times.

During the first eight months of 1932, cement mills reported to the Portland Cement Association suffered 99 accidents causing loss of time of 1,000,000 seconds.

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Chemical Section

Officers 1932-33

General Chairman—JOHN ROACH, Deputy Commissioner of Labor, Trenton, N. J.
Vice-Chairman in Charge of Program—A. L. ARMSTRONG, Eastman Kodak Co., Rochester, N. Y.

Vice-Chairman in Charge of Engineering—G. H. MILLER, E. I. duPont de Nemours & Co., Wilmington, Del.

Secretary—RALPH O. KEEFER, Aluminum Company of America, Massena, N. Y.

News Letter Editor—F. W. DENNIS, Hooker Electrochemical Co., Niagara Falls, N. Y.

Chairman Statistics Committee—IRA V. KEPNER, Pennsylvania Salt Manufacturing Co., Menominee, Mich.

Chairman Health Committee—C. E. SEVRENS, Merrimac Chemical Co. Inc., Boston.

Chairman Membership Committee—E. F. KING, Lever Brothers Co., Cambridge, Mass.

Chairman Publicity Committee—S. F. LARCHAR, Thomas A. Edison Industries, West Orange, N. J.

Members at Large—

F. E. CLANCY, JR., Mathieson Alkali Works, Inc., Niagara Falls, N. Y.

L. A. DEBLOIS, Consulting Engineer, New York City.

M. G. GEIGER, Westvaco Chlorine Products, Inc., So. Charleston, W. Va.

SIDNEY D. KIRKPATRICK, McGraw-Hill Publishing Co., New York City.

H. L. MINER, E. I. duPont de Nemours & Co., Wilmington, Del.

N. L. PARMELEE, Celluloid Corp., Newark, N. J.

JOHN S. SHAW, Hercules Powder Co., Wilmington, Del.

REUEL C. STRATTON, The Travelers Insurance Co., Hartford, Conn.

S. E. WHITING, Liberty Mutual Insurance Co., Boston.

P. M. WILSON, Mathieson Alkali Works, Inc., Niagara Falls, N. Y.

MONDAY AFTERNOON SESSION

October 2, 1933

The opening session of the Chemical Section was called to order by the General Chairman, John Roach, Deputy Commissioner of Labor, Trenton, N. J., who presided. After welcoming the delegates, the chairman presented a brief resumé of the activities of the Section during the past year. He said in part:

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Construction Section

Officers 1932-33

General Chairman—JOHN RUSSELL, JR., United Engineers & Constructors Inc., Newark, N. J.

Vice-Chairman—W. G. WHEELER, Building Trades Employers' Assn., New York City.

Secretary—RALPH A. MACMULLAN, The General Builders Association of Detroit, Detroit.

News Letter Editor—JAMES N. DOYLE, James N. Doyle Adjustment Bureau, Regd., Montreal, P. Q., Canada.

Chairman Poster Committee—R. J. REIGELUTH, C. W. Blakeslee & Sons, New Haven, Conn.

Chairman Membership Committee—EDGAR N. GOLDSTINE, Barrett & Hilp, San Francisco.

Chairman Program Committee—W. A. DEARBORN, Lumbermens Mutual Casualty Co., Boston.

Chairman Publicity Committee—THOMAS W. WALTON, Henry W. Horst Co., Philadelphia.

Chairman Statistics Committee—J. C. FORESTER, The L. E. Myers Co., Chicago.

Chairman Engineering Committee—ROBERT MCKINLEY, General Accident Fire & Life Assurance Corp., Detroit.

Chairman Safety Kink & Film Strip Committee—MISS E. S. GHEE, McLaury Marble Corp., New York City.

Members at Large—

W. F. AUSTIN, Detroit.

C. H. BLACK, Stone & Webster Engineering Corp., Boston.

W. R. RICHARDS, Jefferson Park, Alexandria, Va.

GEORGE WIDUA, 6349 S. Sacramento Ave., Chicago.

MONDAY AFTERNOON SESSION

October 2, 1933

The opening session of the Construction Section was called to order by Harry Guilbert, The Pullman Company, Chicago, Ill., who welcomed the delegates in the name of the Executive Committee of the National Safety Council. He then introduced General Chairman John Russell, Jr., United Engineers and Constructors, Inc., Newark,

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Delivery, Taxicab and Bus Section

Officers 1932-33

General Chairman—CARROLL V. WELLS, Pillsbury Flour Mills Co., Minneapolis, Minn.

Vice-Chairman for Delivery Fleets—F. E. TAWS, H. J. Heinz Co., Pittsburgh.

Vice-Chairman for Taxicab Fleets—S. S. GREENBERG, Maxwell-Davis, Inc., Hartford, Conn.

Vice-Chairman for Bus Fleets—ALEXANDER SHAPIRO, Washington Rapid Transit Co., Washington, D. C.

Secretary and News Letter Editor—RICHARD LEONARD, The Taxi Weekly, New York City.

Chairman Poster & Slide Committee—VICTOR L. NUTLEY, Northwest Casualty Co., Seattle.

Chairman Program Committee—C. G. HOBART, Wieboldt Stores, Inc., Chicago.

Chairman Publicity Committee—CHAS. H. RUTH, Evening Star Newspaper Co., Washington, D. C.

Chairman Membership Committee—B. C. SKEEN, City Ice Co. of Kansas City, Kansas City, Mo.

Chairman Statistics Committee—A. E. LUNDSTEADT, Bowman Dairy Co., Chicago.

Chairman Engineering Committee—WILLIAM E. SANFORD, The United Electric Light & Power Co., New York City.

Members at Large—

ROBERT CLAIR, Liberty Mutual Insurance Co., Boston.

H. L. CUMMINGS, Yellow Cab Co., Richmond, Va.

MARCUS A. DOW, Greyhound Management Co., Cleveland.

DALE HARMAN, Yellow Cab Co., Kansas City, Mo.

T. A. HORROCKS, Minnesota Truck Owners' Assn., Minneapolis, Minn.

H. A. INNESS-BROWN, The Taxi Weekly, New York City.

T. R. JOHNSON, United Parcel Service of New York, New York City.

G. F. C. TAYLOR, Shell Eastern Petroleum Products, Inc., New York City.

J. J. ZEITNER, New York City.

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Electric Railway Section

Officers 1932-33

General Chairman—RALPH C. BUSH, Transit Mutual Insurance Co., Boston.

Vice-Chairman—T. G. BRABSTON, Birmingham Electric Co., Birmingham, Ala.

Vice-Chairman—PAUL HODSON, East St. Louis Railway Co., St. Louis.

Vice-Chairman—GEORGE R. WHITMORE, Illinois Power & Light Corp., Peoria, Ill.

Secretary and News Letter Editor—RAY A. FINCH, Bureau of Safety, Chicago.

Chairman Program Committee—H. V. SCHREIBER, Capital Traction Co., Washington, D. C.

Chairman Membership Committee—WILLIAM PASCHE, Chicago Surface Lines, Chicago.

Chairman Statistics Committee—E. E. GROVER, The Columbus Railway Power & Light Co., Columbus, O.

Chairman Engineering Committee—W. A. BROWN, Tennessee Electric Power Co., Nashville, Tenn.

Members at Large—

M. W. BRIDGES, Chicago Rapid Transit Co., Chicago.

E. K. EASTHAM, St. Louis Public Service Co., St. Louis.

R. M. EMERSON, The Cleveland Railway Co., Cleveland.

G. T. HELLMUTH, Chicago, North Shore & Milwaukee Railroad Co., Chicago.

H. M. KEYSER, Washington Railway & Electric Co., Washington, D. C.

SAMUEL H. REID, Diener-Dugas Fire Extinguisher Corp., Chicago.

G. H. SHAW, Ohio Edison Co., Akron, O.

TUESDAY MORNING SESSION

October 3, 1933

The first session of the Electric Railway Section was called to order by Charles B. Scott, president, Bureau of Safety, Chicago, who welcomed the delegates in the name of the Executive Committee of the National Safety Council. He then introduced General Chairman Ralph C. Bush, Transit Mutual Insurance Company, of Boston, who presided. Chairman Bush gave a brief resumé of the activities of the section during the past year, and then introduced the first speaker.

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Food Section

Officers 1932-33

General Chairman—HENRY J. MINEUR, The Borden Co., New York City.

Vice-Chairman—FRANK A. HASSE, Corn Products Refining Co., Chicago.

Secretary and News Letter Editor—J. J. ZEITNER, New York City.

Chairman Membership Committee—ROBERT J. FLEMING, Kellogg Co., Battle Creek, Mich.

Chairman Program Committee—W. C. WASHBURN, Sheffield Farms Co., Inc., New York City.

Chairman Poster Committee—THOMAS STROBHAR, Wagner-Taylor Co., Philadelphia.

Chairman Statistics Committee—T. A. SCHENDEL, Premier Malt Products Co., Peoria, Ill.

Chairman Engineering Committee—J. J. LYONS, John F. Jelke Co., Chicago.

Chairman Publicity Committee—RUTH E. CADE, A. E. Staley Manufacturing Co., Decatur, Ill.

Members at Large—

WILLIAM F. BARRETT, Horn & Hardart Baking Co., Philadelphia.

W. P. BELL, California & Hawaiian Sugar Refining Corp., Crockett, Calif.

D. M. CLARK, Society of Grain Elevator Supts. of North America, Chicago.

MORRIS COHEN, Schulze Baking Co., Kansas City, Mo.

WILL COOPER, Executive Offices, Stevens Hotel, Chicago.

ALEXANDER DIENST, National Sugar Refining Co., Long Island City, N. Y.

PAUL GOODNOUGH, Quaker Oats Co., Chicago.

E. W. GREEN, Oahu Sugar Co., Ltd., Waipahu, Oahu, T. H.

C. E. GRIFFIN, The Axton-Fisher Tobacco Co., Louisville, Ky.

ELMER HEIMBACH, Hotel Allen, Allentown, Pa.

S. B. HORNEILL, Carey Salt Co., Hutchinson, Kans.

ROBERT MCDADE, Atlantic Sugar Refineries, Ltd., St. John, N. B., Canada.

ADOLPH PFEFFER, Adolph Pfeffer Rice Milling Co., Houston, Tex.

G. L. RHYS, John Morrell & Co., Ottumwa, Ia.

WILLIAM A. SULLIVAN, Loose-Wiles Biscuit Co., Kansas City, Mo.

VERN D. SUTTON, The Postum Co., Battle Creek, Mich.

C. W. TURNING, Goddard & Heinselman, Minneapolis, Minn.

R. W. UPSHAW, Anheuser-Busch, Inc., St. Louis.

EARL WHITELOCK, Washburn Crosby Co., Inc., Buffalo, N. Y.

CHARLES F. WIEHRS, The Southern Cotton Oil Co., Savannah, Ga.

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Marine Section

Officers 1932-33

General Chairman—FRANK H. COGAN, The Delaware, Lackawanna & Western Railroad Co., Hoboken, N. J.

Vice-Chairman (In Charge of Posters and Slides)—ROBERT F. HAND, Standard Shipping Co., New York City.

Vice-Chairman (In Charge of Publicity)—ARTHUR M. TODE, Consulting Marine Engineer, New York City.

Vice-Chairman (For the Pacific Coast)—BYRON O. PICKARD, Pacific American Steamship Assn., San Francisco.

Secretary—CARL W. CETTI, New York State Merchant Marine Academy, New York City.

News Letter Editor—HENRY BLACKSTONE, United States P. & I. Agency, San Francisco.

Chairman Program Committee—FERN WOOD, Moore & McCormack, Inc., New York City.

Chairman Membership Committee—W. E. STEWARDSON, Colombian Steamship Co., New York City.

Chairman Statistics Committee—BENJAMIN H. SELF, Travelers Insurance Co., New York City.

Chairman Engineering Committee—B. C. EDWARDS, Grace Line, Inc., Brooklyn.

Chairman Stevedoring Committee—F. C. GREGORY, United States Employees' Compensation Commission, Washington, D. C.

Members at Large—

W. P. BIGGS, Navy Department, Washington, D. C.

A. R. BUSH, International Flare-Signal Co., New York City.

E. W. FISKE, JR., Standard-Vacuum Transportation Co., New York City.

C. H. FLATHERS, Eastern Steamship Lines, Inc., Boston.

E. P. FOISIE, Shipping Federation of State of Washington, Seattle.

J. M. GRISER, Alabama Dry Dock & Shipbuilding Co., Mobile, Ala.

WM. GROUNDWATER, Union Oil Co., Los Angeles.

E. C. HOLDEN, JR., United States P. & I. Agency, New York City.

J. S. HUNTER, The Atlantic Refining Co., Philadelphia.

W. P. KAIN, New York City.

W. A. KIGGINS, JR., A. H. Bull & Co., Inc., New York City.

R. K. KELLY, Tide Water Oil Co., New York City.

JAMES KENNEDY, Gulf Refining Co., New York City.

J. E. LUCKENBACH, American Bureau of Shipping, New York City
 C. A. M. COCKER, Cities Service Transportation Co., New York City
 H. W. PROEM, Black Diamond Steamship Corp., New York City
 E. J. ROBINSON, Jr., Newport News Shipbuilding & Dry Dock Co., Newport News, Va.
 J. K. ROBINSON, Sealar Navigation Co., New York City
 E. C. REEDS, Standard Oil Co. of California, San Francisco
 H. I. SEWARD, Yale University, New Haven, Conn.
 A. I. SETHI, Marine Office of America, New York City
 E. H. TOME, New York State Merchant Marine Academy, New York City
 A. O. WOLF, General Petroleum Corp. of California, Terminal Island
 JOHN WRIGHT, American Export Line, New York City
 G. D. ZIM, Associated Oil Co., San Francisco

TUESDAY MORNING SESSION

October 3, 1933

The first session of the Marine Section was called to order by Edward L. Burroughs Willcoxon & Co. (USA) Inc., who welcomed the delegates to the session of the Executive Committee of the National Safety Council. He then introduced General Chairman Frank H. Cogart, The Delaware, Lackawanna & Western Railroad Co., Hoboken, N. J., who presided.

Chairman Cogart made a brief report of the section's activities during the year. He praised the work of all standing committees and especially commended the section upon maintaining its membership in the National Safety Council during the past year. He said further: "It was only through the well-educated support of both officers and members that we have been able to survive during the period of acute economic distress. I am pleased to report that the interest in safety has been manifested increasingly in all portions of the land. For example, we have had requests for the exchange of data from the west coast, the Gulf States, Texas and all along the Atlantic seaboard, which has been of value to us."

The chairman then introduced the first speaker.

The United States Shipping Board Bureau and Maritime Safety

By CAPTAIN DAVID W. IODD

U. S. N., Retired, U. S. Shipping Board Bureau, Dept. of Commerce,
 Washington, D. C.

The speaker said in part: "Safety at sea is dependent on the efficient operation of such ships in service, ability to summon assistance quickly when required, and proper provision for the rendering of assistance as emergency arises. Modern science has contributed greatly to maritime safety during the last half of a century. It has given us radio, signal lamps, searchlights, distress signals, gyro compass, automatic fire detecting and fire extinguishing systems, a multitude of other navigational aids and safety devices. Of late years, radio has become a fundamental radio with its ramified applications to navigation, the taking of bearings

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Meat Packing, Tanning and Leather Industries Section

Officers 1932-33

General Chairman—HENRY D. TEFFT, Institute of American Meat Packers, Chicago.

Vice-Chairman—HARRY W. EKINS, Brown Shoe Co., St. Louis.

Secretary—JOHN LAUERMAN, Armour & Co., National Stocks Yards, Ill.

News Letter Editor—A. C. MICHENER, John Morrell & Co., Ottumwa, Ia.

Chairman Publicity Committee—J. L. NELSON, Tanners' Council of America, New York City.

Chairman Program Committee—HUBERT L. CLOVER, International Shoe Co., St. Louis.

Chairman Poster Committee—LOUIS E. KAHN, The E. Kahn's Sons Co., Cincinnati.

Chairman Membership Committee—C. B. MAGRUDER, The Wm. Schluderberg-T. J. Kurlde Co., Baltimore.

Chairman Engineering Committee—HAROLD M. TOOMBS, Armour & Co., Chicago.

Chairman Statistics Committee—E. J. MCCANN, Jacob E. Decker & Sons, Mason City, Ia.

Members at Large—

N. L. BRAINARD, Swift & Co., Chicago.

E. E. DREWS, Libby, McNeill & Libby, Chicago.

A. B. DRUMMOND, Chicago.

T. H. JONES, American Hair & Felt Co., Chicago.

W. F. MCCLELLAND, Armour & Co., Chicago.

DEAN MONEYSMAKER, International Shoe Co., St. Louis.

R. R. ROACH, Geo. A. Hormel & Co., Austin, Minn.

H. G. SCHAFFNER, Schaffner Bros. Co., Erie, Pa.

FRANCES E. SILBAUGH, Oscar Mayer & Co., Madison, Wis.

MONDAY AFTERNOON SESSION

October 2, 1933

The Meat Packing, Tanning and Leather Industries Section was called to order by G. T. Hellmuth, Chicago North Shore & Milwaukee Railroad, member of the Executive Committee of the National Safety Council, who welcomed the delegates in the name of the Council and introduced General Chairman Henry D. Tefft, Institute of American Meat Packers, Chicago, who then presided. Chairman Tefft presented

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Metals Section

Officers 1932-33

General Chairman—ROBERT L. SCHMITT, Louisville Car Wheel & Railway Supply Co., Louisville, Ky.

Vice-Chairman—E. F. BLANK, Jones & Laughlin Steel Corp., Pittsburgh.

Second Vice-Chairman—J. A. VOSS, Republic Steel Corp., Youngstown, O.

Secretary and News Letter Editor—H. W. DARR, Bethlehem Steel Co., Johnstown, Pa.

Chairman Program Committee—A. V. BERQUIST, The Youngstown Sheet and Tube Co., East Chicago, Ind.

Chairman Membership Committee—H. M. CROGHAN, Inland Steel Co., East Chicago, Ind.

Chairman Poster Committee—R. A. CHAFFIN, Continental Steel Corp., Kokomo, Ind.

Chairman Publicity Committee—A. D. LYNCH, The Ohio Brass Co., Mansfield, O.

Chairman Statistics Committee—W. D. SPEIGHT, Keystone Steel & Wire Co., Peoria, Ill.

Chairman Engineering Committee—J. E. CULLINEY, Bethlehem Steel Co., Bethlehem, Pa.

Chairman Slides and Safety Kinks Committee—J. A. OARTEL, Carnegie Steel Co., Pittsburgh.

Chairman Health Committee—DR. R. C. ENGEL, The Corrigan, McKinney Steel Co., Cleveland.

Chairman Foundry Committee—F. G. BENNETT, The Buckeye Steel Castings Co., Columbus, O.

Chairman Railway Car Builders' Committee—P. J. BRAND, Pullman Car & Manufacturing Corp., Pullman, Chicago.

Members at Large—

L. S. ADAM, Continental Roll & Steel Foundry Co., East Chicago, Ind.

C. M. ALLEN, American Rolling Mill Co., Middletown, O.

J. A. COLTRIN, National Radiator Corp., Johnstown, Pa.

G. A. DAVIS, Illinois Steel Co., Chicago.

J. P. EIB, Illinois Steel Co., Joliet, Ill.

A. C. GIBSON, Spang, Chalfant & Co., Inc., Pittsburgh.

H. G. HENSEL, The Youngstown Sheet and Tube Co., Chicago.

W. J. IRELAND, Kohler Co., Kohler, Wis.

F. A. LAUERMAN, Republic Steel Corp., South Chicago, Ill.

A. M. LYTLE, Newton Steel Co., Monroe, Mich.

T. H. MCKENNEY, Illinois Steel Co., South Chicago, Ill.

D. V. MEDALIE, Interlake Iron Corp., Chicago.

W. E. MEGRAW, H. H. Robertson Co., Pittsburgh.

C. E. RALSTON, Pittsburgh Plate Glass Co., Pittsburgh.

J. K. STAFFORD, Mississippi Valley Structural Steel Co., Decatur, Ill.

J. M. WOLTZ, The Youngstown Sheet and Tube Co., Youngstown, O.

MONDAY AFTERNOON SESSION

October 2, 1933

The first session of the Metals Section was called to order by J. I. Banash, President of the National Safety Council, who welcomed the delegates in the name of the Executive Committee of the Council. He then introduced General Chairman Robert L. Schmitt, Louisville Car Wheel & Railway Supply Co., Louisville, Ky., who presided. In presenting a "Resume of the Year's Activities" the chairman covered briefly the activities of each of the section's committees and commended their faithfulness to duty. He then introduced the first speaker.

The New Deal in Safety

By J. RUSSELL CRAIG

Safety Director, Pennsylvania Indemnity Corporations, Philadelphia, Pa.

The speaker said in part: The executive of today who makes accident prevention of secondary concern is short-sighted and narrow in his entire business outlook because it plays a very important part in the yearly profit and loss statement. One safety director, in preparing a report for his chief, showed in 1932 the frequency rate and severity rate of his company in comparison with five competitors. This was excellent but he did not go far enough. He should have, in addition, placed beside these the estimated difference in dollars and cents. One company, which had an outside safety personnel, made a review of its accidents and costs before organizing a safety department, and was amazed to find in this new interpretation of their annual statements that if the accident costs had not existed, their annual statement instead of showing a net loss would have shown a net profit.

Right here is a good time to bring up the question of so-called accident-prone employees. In reality, a company should have no such group as those called accident prone employees. If it does, then it is managerial fault rather than the fault of the men. Physical examinations help to place a man in a position which will be a stepping stone to a higher job and create in the organization a booster for the company. In a very definite respect, the Westinghouse and Electric Manufacturing Company has had the new deal in safety because of such planning. Examinations and executive participation have resulted in the hiring of over 3,000 employees who have been with the company for 20 to 50 years.

In a real sense "The New Deal in Industry" means more men working fewer hours. Efficiency throughout the entire organization is necessary because waste is not only prohibited but must not occur, as the margin of profit cannot carry it, which means waste is evaluated higher than heretofore. Accidents cause waste. Improper hiring causes potential waste because of costly training. Improper training or lack of training causes waste. Any training whether organized in classroom style

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Mining Section

Officers 1932-33

- General Chairman*—THOMAS E. LIGHTFOOT, Koppers Co., Pittsburgh.
Vice-Chairman—FRANK B. DUNBAR, Mather & Co., Mather, Pa.
Vice-Chairman in Charge of Engineering—P. M. ARTHUR, American Zinc Company of Tennessee, Mascot, Tenn.
Vice-Chairman—J. W. ALT, Calumet & Hecla Consolidated Copper Co., Calumet, Mich.
Vice-Chairman—WILLIAM G. METZGER, Hudson Coal Co., Scranton, Pa.
Secretary and News Letter Editor—DANIEL HARRINGTON, United States Bureau of Mines, Washington, D. C.
Chairman Statistics Committee—W. W. ADAMS, United States Bureau of Mines, Washington, D. C.
Chairman Entertainment Committee—J. T. RYAN, Mine Safety Appliances Co., Pittsburgh.
Publicity Committee—M. R. BUDD, Explosive Engineer, Wilmington, Del.
R. DAWSON HALL, Coal Age, New York City.
Chairman Poster & Slide Committee—J. J. FORBES, United States Bureau of Mines, Pittsburgh.
Chairman Program Committee—LEE LONG, Clinchfield Coal Corp., Dante, Va.
Members at Large—
W. H. COMINS, National Lead Co., St. Francois, Mo.
M. F. FAIRLIE, The Mining Corporation of Canada, Toronto, Ont., Canada.
C. W. GIBBS, Harwick Coal & Coke Co., Pittsburgh.
H. C. HENRIE, Phelps Dodge Corp., Bisbee, Ariz.
R. N. HOSLER, Pennsylvania Compensation Rating & Inspection Bureau, Harrisburg, Pa.
GEORGE MARTINSON, Pickands, Mather & Co., Hibbing, Minn.
D. D. MOFFATT, Utah Copper Co., Salt Lake City.
HOWARD I. YOUNG, American Zinc, Lead & Smelting Co., St. Louis.

TUESDAY MORNING SESSION

October 3, 1933

The first session of the Mining Section convened with Frank J. Lanahan, Fort Pitt Malleable Iron Company, in the chair, who welcomed the delegates in the name of the Executive Committee of the National Safety Council. He then introduced

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Paper and Pulp Section

Officers 1932-33

General Chairman—J. J. PLZAK, Consolidated Water Power & Paper Co., Wisconsin Rapids, Wis.

Vice-Chairman in Charge of Membership—ARTHUR MURRAY, Container Corporation of America, Chicago.

Vice-Chairman—H. G. GILSON, Oxford Paper Co., Rumford, Me.

Vice-Chairman—WM. H. BRYDGES, Bedford Pulp & Paper Co., Big Island, Va.

Secretary—H. D. BANTA, Hoberg Paper & Fibre Co., Green Bay, Wis.

News Letter Editor and Chairman Publicity Committee—ARTHUR E. WINSLOW, Hollingsworth and Whitney Co., Waterville, Me.

Chairman Contest Committee—A. SCOTT DOWD, The Paper Industry, Chicago.

Chairman Engineering Committee—GEORGE J. ADAMS, International Paper Co., New York City.

Chairman Health Committee—DR. L. H. FRECHTLING, The Champion Coated Paper Co., Hamilton, O.

Chairman Poster Committee—JAMES M. MCGIVNEY, Brown Co., Berlin, N. H.

Chairman Program Committee—F. H. ROSEBUSH, Nekoosa-Edwards Paper Co., Port Edwards, Wis.

Chairman Statistics Committee—E. E. GRANT, The Crystal Tissue Co., Middletown, Ohio.

Members at Large—

ERNEST AUGUSTUS, The Mead Corp., Chillicothe, O.

W. J. BRENNAN, State Department of Labor & Industry, Augusta, Me.

E. R. BROWN, Oregon & Columbia Basin Div., N.S.C., Portland, Ore.

KENNETH L. FAIST, The Champion Coated Paper Co., Hamilton, O.

W. A. GLEASON, Hammermill Paper Co., Erie, Pa.

JOHN LUNDRIGAN, International Paper Co., New York City.

W. J. PEACOCK, Northern Paper Mills, Green Bay, Wis.

SAMUEL PRUYN, Finch-Pruyn & Co., Inc., Glens Falls, N. Y.

BEN D. ROGERS, Bird & Son, Inc., East Walpole, Mass.

MONDAY AFTERNOON SESSION

October 2, 1933

The Paper and Pulp Section convened with G. E. Sanford, General Electric Company, Schenectady, N. Y., in the chair. Mr. Sanford, as a representative of the

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Petroleum Section

Officers 1932-33

General Chairman—C. L. HIGHTOWER, Texas Pacific Coal and Oil Co., Fort Worth, Tex.

Vice-Chairman—E. R. ALDEN, Vacuum Oil Co., Inc., New York City.

Chairman Atlantic Division—R. W. BLACK, Standard Oil Co. (N. J.), Elizabeth, N. J.

Chairman Great Lakes Division—J. C. BERND, Sinclair Refining Co., East Chicago, Ind.

Chairman Mid-Continent Division—J. C. YOUNG, Tide Water Companies, Tulsa, Okla.

Chairman Gulf Division—H. C. RENZ, Atlantic Oil Producing Co., Dallas, Tex.

Chairman Pacific Division—L. F. KNOX, General Petroleum Corporation of California, Los Angeles.

News Letter Editor—A. W. BREELAND, Lone Star Gas Co., Dallas, Tex.

Chairman Poster Committee—C. B. SWANNER, Magnolia Petroleum Co., Dallas, Tex.

Chairman Engineering Committee—G. O. LOCKWOOD, The Empire Companies, Bartlesville, Okla.

Chairman Publicity Committee—B. V. OSBORN, Standard Oil Co. (Ind.), Casper, Wyo.

Chairman Program Committee—J. L. RISINGER, Magnolia Petroleum Co., Dallas, Tex.

Chairman Statistics Committee—J. W. MYERS, Standard Oil Co. (N. J.), New York City.

Chairman Health Committee—DR. C. M. AVES, Humble Oil and Refining Co., Houston, Tex.

Past General Chairmen—

R. S. BONSBIB, Standard Oil Co. (N. J.), New York City.

V. R. CURRIE, The Texas Co., New York City.

R. E. DONOVAN, Standard Oil Company of Calif., San Francisco.

GEORGE F. PRUSSING, Union Oil Company of Calif., Los Angeles.

E. J. SENNE, Socony-Vacuum Corp., New York City.

C. W. SMITH, Standard Oil Co. (Ind.), Chicago.

D. J. WALLACE, Mid-Continent Petroleum Safety Council, Tulsa, Okla.

Secretary—H. N. BLAKESLEE, American Petroleum Institute, Dallas, Tex.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
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Power Press Section

Officers 1932-33

- General Chairman*—E. J. SMITH, Western Electric Co., Chicago.
Secretary and News Letter Editor—GEORGE H. BERRY, Western Electric Co., Chicago.
Chairman Program Committee—J. D. LYLE, Fisher Body Company of Cleveland, Cleveland.
Chairman Poster Committee—L. R. JUDSON, Timken Detroit Axle Co., Detroit.
Chairman Membership Committee—H. L. VITS, Aluminum Goods Manufacturing Co., Manitowoc, Wis.
Chairman Publicity Committee—B. E. ROCKHOFF, Detroit Steel Products Co., Detroit.
Chairman Statistics Committee—A. L. KAEMS, Simmons Co., Kenosha, Wis.
Chairman Engineering Committee—LOUIS BORAKS, Liberty Mutual Insurance Co., Boston.
Chairman Health Committee—DR. GEORGE R. NICHOLS, American Can Co., Chicago.
Chairman Slides and Safety Kinks Committee—HERBERT ROTH, 455 Marlborough Rd., Yonkers, N. Y.
- Members at Large*—
W. J. GRAVES, Michigan Mutual Liability Co., Detroit.
J. W. HENNING, Automatic Electric Co., Chicago.
G. A. KUECHENMEISTER, Dominion Forge & Stamping Co., Walkerville, Ont., Canada.
T. O. MEISNER, American Can Co., Chicago.
S. H. SLAYMAKER, Fairbanks, Morse & Co., Beloit, Wis.
G. S. THOMPSON, Gnau & Co., Detroit.

TUESDAY MORNING SESSION

October 3, 1933

The first session of the Power Press Section was called to order by Harry Guilbert, The Pullman Company, Chicago, Ill., who welcomed the delegates in the name of the Executive Committee of the National Safety Council. He then introduced General Chairman Elmer J. Smith, who presided. Chairman Smith, speaking on "Our Progress During the Past Year", gave a brief resumé of the activities of various sectional committees and praised each for its devotion to duty during the year. He then introduced the first speaker.

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Public Utilities Section

Officers 1932-33

General Chairman—C. B. BOULET, Wisconsin Public Service Corp., Milwaukee, Wis.
Vice-Chairman in Charge of Telephone and Telegraph Interests—F. M. PEPPER, Illinois Bell Telephone Co., Chicago.

Vice-Chairman in Charge of Gas Interests—E. J. KREH, Philadelphia Co., Pittsburgh.
Secretary—HOWARD M. SHAW, North American Light & Power Co., Chicago.

News Letter Editor—W. G. CLEVENGER, Northern Indiana Public Service Co., Hammond, Ind.

Chairman Membership Committee—S. C. DICKINSON, Pacific Gas and Electric Co., San Francisco.

Chairman Poster and Film Strip Committee—H. A. PTOLEMY, Public Service Co. of Northern Illinois, Chicago.

Chairman Program Committee—WILLS MACLACHLAN, Consulting Engineer, Toronto, Ont., Canada.

Chairman Publicity Committee—H. E. SHEDD, Appalachian Electric Power Co., Bluefield, W. Va.

Chairman Statistics and Contest Committee—W. H. BROWN, Northern States Power Co., Minneapolis.

Chairman Engineering Committee—ROY M. GODWIN, Philadelphia Electric Co., Philadelphia.

Special Representatives—

- J. M. BUSWELL, San Joaquin Light and Power Corp., Fresno, Calif.
- E. W. GORRY, The United Electric Light and Power Co., New York City.
- A. A. KLINGE, Public Service Company of Colo., Denver.
- W. H. MULLIGAN, Hydro-Electric Power Commission, Toronto, Ont., Canada.
- JOHN M. ORTS, Public Service Corporation of N. J., Newark, N. J.
- JOHN STILWELL, Consolidated Gas Company of N. Y., New York City.
- D. W. WAIT, The Bell Telephone Company of Pa., Pittsburgh.

Councilors—

- E. S. BEAUMONT, The Peoples Gas Light and Coke Co., Chicago.
- B. B. McCULLOCH, Bureau of Safety, Chicago.
- H. L. MEAD, Ohio Bell Telephone Co., Cleveland.
- C. B. SCOTT, Bureau of Safety, Chicago.
- J. L. VANDEGRIFT, The Chesapeake and Potomac Telephone Co., Washington, D. C.
- H. F. WEBB, West Penn Electric Co., Pittsburgh.
- H. M. WEBBER, Illinois Bell Telephone Co., Chicago.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
NATIONAL SAFETY COUNCIL



Quarry Section

Officers 1932-33

General Chairman—OTHO M. GRAVES, The General Crushed Stone Co., Easton, Pa.

Vice-Chairman—S. M. SHALLCROSS, American Lime and Stone Co., Bellefonte, Pa.

Secretary and News Letter Editor—H. F. YOTTER, The General Crushed Stone Co., Easton, Pa.

Chairman Publicity Committee—J. R. BOYD, National Crushed Stone Assn., Washington, D. C.

Chairman Statistics Committee—W. W. ADAMS, United States Bureau of Mines, Washington, D. C.

Members at Large—

WILLIAM H. BAKER, J. E. Baker Co., York, Pa.

R. E. COLVILLE, Chicago.

NORMAN G. HOUGH, The National Lime Assn., Washington, D. C.

A. L. WORTHEN, The Connecticut Quarries Co., Inc., New Haven, Conn.

TUESDAY MORNING SESSION

October 3, 1933

The first session of the Quarry Section was called to order by General Chairman Otho M. Graves, The General Crushed Stone Company, Easton, Pa., who presided. The chairman gave a brief resumé of the activities of the sectional committees, particularly the Executive Committee of the Section, during the past year, and then introduced the first speaker.

Emergency First Aid

By DR. H. W. GENTLES

Chairman, First Aid Life Saving, Chicago Chapter, American Red Cross

The speaker said in part: The first picture that comes to my mind is made up of a series of accidents, men crushed, bones broken, bad bleeding and all of evidently serious nature from the start. On the other hand, in this city a few weeks ago a tailor pricked himself with a needle and a few days later died from lockjaw. One of our largest employers of labor in this community had no fatalities in the running of his plant, but one of the girls in his office suffered a slight abrasion on her finger and died of blood poisoning.

It is quite evident that if an injury, no matter how trivial, causes death, it must be looked upon as an emergency. Therefore, practically all first aid is emergency.

TWENTY-SECOND ANNUAL SAFETY CONGRESS
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Refrigeration Section

Officers 1932-33

General Chairman—L. W. DAWLEY, Southern United Ice Co., Jackson, Miss.

Vice-Chairman—T. A. ADAMS, Union Terminal Cold Storage Co., New York City.

Vice-Chairman—CARL C. CLEMENTS, National Dairy Products Corp., New York City.

Secretary and News Letter Editor—EDWARD H. FOX, National Association of Practical Refrigerating Engineers, Chicago.

Chairman Membership Committee—A. J. AUTHENRIETH, Middle West Utilities Co., Chicago.

Chairman Statistics Committee—HERMAN HILLENBACH, American Ice Co., care of Knickerbocker Ice Co., New York City.

Chairman Engineering Committee—EMERSON A. BRANDT, National Association of Ice Industries, Chicago.

Members at Large—

A. H. BAER, Carbondale Machine Co., Carbondale, Pa.

GEORGE B. BRIGHT, George B. Bright Co., Detroit.

G. H. GINGER, The City Ice and Fuel Co., Cleveland.

H. F. HIRSCHFIELD, Wisconsin Ice & Coal Co., Milwaukee, Wis.

E. G. HITT, American Associated Mutual Insurance Cos., Atlanta.

H. L. LINCOLN, The Union Ice Co., San Francisco.

B. B. McCULLOCH, Bureau of Safety, Chicago.

JOHN W. NEFF, Suburban Ice & Fuel Co., LaGrange, Ill.

W. M. O'KEEFE, American Warehousemen's Assn., Chicago.

GARDNER POOLE, American Institute of Refrigeration, Boston.

H. L. TRASK, United States Cold Storage Co., Kansas City, Mo.

VINCENT WAKEFIELD, Bar Rusto Corp., Kansas City, Mo.

COL. P. A. WEATHERED, Southwestern Ice Manufacturers' Assn., Houston, Tex.

WEDNESDAY MORNING SESSION

October 4, 1933

The first session of the Refrigeration Section was called to order by R. L. Forney, representing the National Safety Council, who welcomed the delegates and introduced General Chairman L. W. Dawley, Southern United Ice Company, Jackson, Miss., who presided. Chairman Dawley presented a brief resumé of the sectional

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Rubber Section

Officers 1932-33

General Chairman—CHARLES F. SMITH, U. S. Rubber Reclaiming Co. Inc., Buffalo, N. Y.

Vice-Chairman in Charge of Program—H. W. Low, Miller Rubber Products Co., Inc., Akron, O.

Secretary—R. A. BULLOCK, Corduroy Rubber Co., Grand Rapids, Mich.

News Letter Editor—B. F. GERFHEIDE, The Goodyear Tire & Rubber Co., Akron, O.

Chairman Membership Committee—E. W. BECK, United States Rubber Co., New York City.

Chairman Publicity Committee—W. L. SCHNEIDER, The B. F. Goodrich Co., Akron, Ohio.

Chairman Statistics Committee—R. W. MORSE, The Firestone Tire and Rubber Co., Akron, O.

Chairman Engineering Committee—JAMES Q. LEE, India Tire and Rubber Co., Akron, O.

Chairman Health Committee—DR. J. NEWTON SHIRLEY, Hood Rubber Co., Watertown, Mass.

Chairman Slides and Safety Kinks Committee—A. M. DIETZ, Pennsylvania Rubber Co., Jeanette, Pa.

Chairman Poster Committee—ROLAND KASTELL, United States Rubber Co., Passaic, N. J.

Members at Large—

J. T. KIDNEY, The Goodyear Tire and Rubber Co., Akron, O.

M. A. QUIRK, United States Rubber Co., Detroit.

TUESDAY MORNING SESSION

October 3, 1933

The first meeting of the Rubber Section was called to order by Franklin M. Kreml, Evanston Safety Council, Evanston, Illinois, who, as a representative of the Executive Committee of the National Safety Council, welcomed the delegates and introduced General Chairman Charles F. Smith, U. S. Rubber Reclaiming Company, Inc., Buffalo, New York, who presided.

In "reviewing the year's activities," the general chairman sketched the two meetings of the Executive Committee of the section, held respectively at Akron, Ohio, and

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Safety Section, A.R.A.—Steam
Railroad Section N.S.C.

Officers 1932-33

Chairman—CHARLES E. HILL, New York Central Lines, New York City.

First Vice-Chairman—C. L. LAFONTAINE, Great Northern Railway Co., St. Paul, Minn.

Second Vice-Chairman—H. A. PARISH, Chicago & North Western Railway Co., Chicago.

Secretary—J. C. CAVISTON, American Railway Assn., New York City.

Members, Committee of Direction:

F. HARTENSTEIN, Lehigh Valley Railroad, Bethlehem, Pa.

H. A. ROWE, Delaware, Lackawanna & Western Railroad Co., New York City.

C. N. WOODWARD, New York, New Haven & Hartford Railroad, New Haven, Conn.

ROBERT SCOTT, Atlantic Coast Lines Railroad Co., Wilmington, N. C.

A. O. BECK, Canadian National Railway, Montreal, P. Q., Canada.

F. W. CURTIS, Denver & Rio Grande Western Railroad, Denver.

E. G. EVANS, Louisville & Nashville Railway, Louisville, Ky.

C. F. LARSON, Missouri Pacific Railroad, St. Louis.

F. M. METCALFE, Northern Pacific Railway Co., St. Paul, Minn.

J. T. PRATT, Reading Co., Reading, Pa.

The complete report of these sessions is published in a booklet entitled "Proceedings of the 13th Annual Meeting of the Safety Section", available from the American Railway Association.

TUESDAY MORNING SESSION

October 3, 1933

The sessions of the Safety Section, American Railway Association—Steam Railroad Section, National Safety Council, were held as a part of and in conjunction with the Annual Congress of the National Safety Council in the Stevens Hotel.

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Textile Section

Officers 1932-33

General Chairman—DR. CHARLES H. EAMES, Lowell Textile Institute, Lowell, Mass.

Vice-Chairman in Charge of Program—IGNATIUS MACNULTY, American Woolen Co.,
Malden, Mass.

Vice-Chairman—M. W. HEISS, Proximity Manufacturing Co., Greensboro, N. C.

Secretary and News Letter Editor—E. E. PLACE, American Mutual Liability Insurance Co., Boston.

Chairman Statistics Committee—J. T. TROLINGER, Bemberg Corp., Elizabethton, Tenn.

Chairman Poster Committee—FRED W. SEHL, Aetna Life Insurance Co., Hartford, Conn.

Chairman Engineering Committee—PAUL W. VIETS, Plymouth Cordage Co., Northampton, Mass.

Members at Large—

ARTHUR BARLOW, Armstrong Cork Co., Lancaster, Pa.

RUSSELL T. FISHER, The National Association of Cotton Manufacturers, Boston.

WALTER HUMPHREYS, National Association of Wool Manufacturers, Boston.

E. G. PADGETT, North Carolina Industrial Commission, Raleigh, N. C.

TUESDAY MORNING SESSION

October 3, 1933

The session of the Textile Section was called to order by Will Cooper, representing the Executive Committee of the National Safety Council, who welcomed the delegates, and then introduced General Chairman Charles H. Eames, Lowell Textile Institute, Lowell, Massachusetts, who presided. Chairman Eames outlined the activities of the Section during the past year, praising the individual work of committee chairmen, and also called attention to some of the more outstanding problems which would have to be met during the coming year. He then introduced the first speaker.