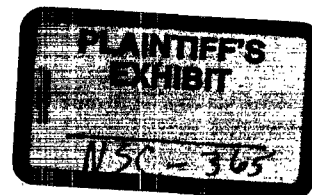


1926



INDEX

VOLUME I

- A B C Session, 211-252.
- Accident Prevention: "Accident prevention—Why?" (Funk) 711-714.
- "Accident prevention—why and how" (Powell), 716-718.
- Accident Statistics: "Accident statistics" (Hensel) 162-163.
- Baking industry, "Special hazards in the baking industry" (Wiedemann) 903-907.
- Cement statistics (Stewart) 467-468.
- Chemical, "Need of a more definite background for statistics in the chemical industry" (Stewart), 541-546.
- Chemicals, 545.
- Clark Thead Company. In "Fundamentals of successful industrial medical work" (Van Emburgh) 129-130.
- Construction industry. In "Why everyone should lend a hand in safety work" (Chewning) 673-676.
- Discussion of accident classification and statistics (Noonan) 734-739.
- Dyes, 545.
- "Effective use of accident statistics in safety work" (Thompson) 161-162.
- Electric railways. In "Successful methods of safety" (Connors) 743.
- Explosives, 545.
- Fires. In "Ashes and the undertaker" (Vernor) 65-66.
- Glens Falls Portland Cement Co. In "Year's experience with a borrowed plan" (Parry) 478-479; 481.
- Infection, 130.
- Louisville Railway Company average miles per accident, 717.
- Milwaukee, 683.
- Sugar industry. "Hazards and their prevention in the sugar industry" (Dienst) 899-903.
- "Value of classified accident statistics," 781-784.
- Accidents—Costs: "Curtailing accident costs" (Harris) 653-655.
- In "Safety and efficiency in dam and other construction (Butler) 696.
- In "Transformation of material—machine processes" (Lauzure) 375.
- "Year's experience with a borrowed plan" (Parry) 482.
- Accidents—Reductions: Cement plants, 478-479; 481; 486-487.
- Discussions, 447.
- Electric railways, 717.
- Advertising Safety: (See Publicity.)
- Agitator: (See Quarries.)
- Agry, G. C. "Handling of bagged and crated materials," 866-871.
- Aisles: Marking floors, 396.
- Aitken, G. M.: "Education of careless Cal," 163-167.
- Alkali Burns: (See Burns.)
- American Engineering Council: "Relationship between industrial accidents and production" (Wallace) 57-62.
- American Society of Safety Engineers: (See Engineering Section.)
- Ammonia: "Hazards involved in the operation of the direct synthetic ammonia process" (Ernst) 291-304.
- Shipping in tank cars, 575.
- Aniline Poisoning: In report of the Committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer) 556-558.
- Annealing Chains: Discussion, 367-358.
- Report of Committee on annealing chains (Thalner) 329.
- Annual Meeting of Members: (See Business Section.)
- "Ashes and the Undertaker" (Vernor) 62-69.
- Assembly Plant: (See Automobile Industry.)
- Atkinson, T.: "Official welcome from Detroit," 36-37.
- Austin, E. F.: "Progress of the Construction Section," 700-702.
- Automatic Machines: In "Special safety problems in the food industry" (Spicer) 881-884.
- Automobile Industry: "Hazards of assembly" (Thalner) 397-406.
- Automotive Section: Minutes, 347-443.
- Nominating Committee report, 373-374.
- Nominating Committee report for Power Press Section, 443.
- Officers, 347; 373-374.
- Baking Industry: "Special hazards in the baking industry" (Wiedemann) 903-907.
- Banash, J. I.: Report of membership Committee, 260-261.
- Banquet: Annual banquet, 179-210.
- Barrels—Handling: Discussion, 370-371.
- Belts: Practicable life belt or harness, 520; 522.
- Belts, Safety: (See also Life Lines.)
- Benefit Associations: (See Employees' Benefit Associations.)
- Benjamin, H. B.: "Who is blocking safety at your plant?" 229-233.
- Bennett, H. K.: "Value of classified accident statistics," 781-784.
- Bennett, J. E.: "World's supply of bunk—will it never be exhausted?" 342-346.

- Benzol Poisoning: Benzol mixed with gasoline, 643.
Final report, 629-643.
Report of sub-committee, 563-564.
- Bertram, W. M. & Small, G. O.: "Noise reduction in power transmission," 323-325.
- Beyer, D. S.: "Building safety into power press tools," 424-427.
- Bins, Safe guarding: Discussion, 513-517; 519.
(See also Life Lines.)
- "Blocking safety at your plant" (Benjamin) 229-233.
- "Board of inquiry in action," 724-742.
- Bollers: In "Hazards of plant maintenance—mechanical jobs" (Pease) 390.
- Bonus Systems: Discussion, 454, 456; 458-460; 484; 487; 843.
Electric Railways, 748-749.
In "Accident prevention from the viewpoint of an executive" (Brown) 451-452; 454.
Money bonuses, 714.
Support of men, 753.
- Bread Mixers: In "Special safety problems in the food industry" (Spicer) 880-881.
- Brown, G. S.: "Accident prevention from the viewpoint of an executive," 450-453.
- Brown, N. T.: "Safe bus operation," 802-804.
- Bulletins: Chemical Section, 535-539.
"Education of careless Cal" (Aitken) 163-167.
- "Bunk": "World's supply of bunk—will it never be exhausted?" (Bennett) 342-346.
- Burns: Discussion on chemical burns, 616-626.
Eye burns, 623-624.
In "What 2,000 children have taught me" (Jackson) 51-53.
Tannic acid treatment, 620.
"Treatment of chemical burns" (Davidson) 609-617.
- Bus Operation: "Safe bus operation" (Brown) 802-804.
- Business Progress: "Some reflections upon business progress" (Coonley) 190-196.
- Business Section: Minutes, 7-43.
- Butler, A. G.: "Safety and efficiency in dam and other construction," 693-697.
- Butler, T. W.: "Static electricity," 288-290.
- Button Industry: Discussion, 437-438.
- Calcium Carbide: In "Safety measures in the shipment of chemicals" (Heustis) 570-571.
- Cameron, W. H.: Annual report, 21-27.
- Campaigns: Ash Grove Lime and Portland Cement Co., 456-457.
"No accident campaigns" (Knight) 235-240.
"No accident campaigns" (Selmon) 871-873.
- Caps: (See Clothing.)
- Carbon Monoxide: From plant trucks, 409.
In report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer) 553
- Carrow, T. H.: "Educating the public and educational work in the schools," 768-774.
- Cement Industry: "Accident prevention from the viewpoint of an executive" (Brown) 450-453.
Informal address (Curtis) 495-496.
"Relationship between the physical examination and accident prevention" (Green) 460-467.
"Safety in the cement and quarry industry" (Lansburgh) 500-504.
"Year's experience with a borrowed plan" (Parry) 478-483.
- Cement Section: Joint meeting with Quarry Section, 499-531.
Membership Committee report, 449.
Minutes, 445-498.
Nominating Committee report, 496.
Officers, 445; 496.
Secretary's report, 445-447.
- Chains: Inspection, 356-358.
Inspection, 657-658.
- Chains: (See Annealing Chains.)
- Charcoal Hazards: In "Safety measures in the shipment of chemicals" (Heustis) 570-571.
- "Checking plans for safety" (McMurchy) 646-650.
- Chemical Industry: "Need of a more definite background for statistics in the chemical industry" (Stewart) 541-546.
Report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer) 547-566.
"Safety measures in the shipment of chemicals" (Heustis) 566-574.
- Chemical Section: Bulletin Committee report, 554-555.
Bulletins, 555-558.
Industrial Poisons Committee report, 553-546.
Joint Meeting with Rubber Section: Minutes, 623-645.
Membership Committee report, 534.
Minutes, 532-535.
Motions on reclassification, 546.
Nominating Committee report, 627.
Officers, 533-534; 627.
Report of sub-committee on benzol, 563-574.
Report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer) 547-566.
(See also Benzol Poisoning; Painting.)
- Chewning, W. L.: "Why everyone should lend a hand in safety work," 673-676.
- Children, Safety work with: "What 2,000 children have taught me" (Jackson) 50-56.
Work that cement safety committees can do, 492.
- Chlorine: Shipping in tank cars, 575.
- Chromium Burns: (See Burns.)
- Clark, B. W.: "Portable tool requirements in Detroit," 279.
- Classification of Causes of Accidents: Committee to study accident classifications, 791.
Discussion (Noonan) 784-789.
Electric Railways, 718-721.

- "Need of a more definite background for statistics in the chemical industry" (Stewart) 541-546.
 "Value of accident classifications" (Powell) 789-791.
 "Value of classified accident statistics" (Bennett) 781-784.
- Clothing:**
 Burlap aprons, 362-363.
 Spark-proof trousers, 361.
 White caps for brakemen, 356.
- Codes:** Report of Steering Committee on research, standard and code (Stratton) 255-260.
- Committee—Safety:** Discussion, 95-97.
 Electric railways, 747.
 In "No accident campaigns" (Selmon) 871-873.
 "Year's experience with a borrowed plan" (Parry) 478-483.
 "Is a safety committee worth while?" (Griffin) 84-92.
 Should do work outside plant, 492.
 Women members, discussion, 96-97.
- Competition:** Construction industry, 677-678.
 "No accident competition" (Knight) 235-240.
- Compressed Air:** Dangers in air hose, 377.
 Discussion, air hose, 379-382.
 Unloading drums, 372.
- Conferences:** Report of Steering Committee on regional safety conferences, 261-262.
- Connors, J. J.:** "Successful methods of safety," 743-746.
- Conservation:** "Human conservation and human salvage" (Mock) 116-122.
 "Sacredness of human life" (Hoover) 47-50.
- Construction Industry:** Address (Misch) 652-653.
 "Checking plans for safety" (McMurchy) 686-690.
 Code, 697-700.
 "Curtailling accident costs" (Harris) 653-655.
 Discussion on A. G. C. (Sawyer) 668-669.
 "How Milwaukee is putting the safety movement across" (Elgel) 681-684.
 New York contractor's experience (Crawford) 665-667.
 Ohio construction survey blanks, 655-656.
 "Putting the job in order" (Smith) 659-665.
 "Safety and efficiency in dam and other construction" (Butler) 693-697.
 "Why everyone should lend a hand in safety work" (Chewning) 673-676.
- Construction Section:** Bulletin Committee, 651.
 Membership Committee report, 648-651.
 Minutes, 647-703.
 Nominating Committee report, 672.
 Officers, 647, 672.
 Progress (Austin) 700-702.
 Secretary's report, 648-651.
 Statistical report, 651.
 Statistics, 667-668.
- Contests:** Construction industry, 677.
 "No Accident Competition" (Knight) 235-240.
 Safety contest in a light and power company, 241-242.
- Conveyors:** Brakes, 406; 408-409.
 (See Handling Materials.)
- Cooking Utensils:** (See Kettles.)
- Coonley, Howard:** "Some reflections upon business progress," 190-196.
- Cooperation:** "Harmonious relations between employees and management and their effect upon accident prevention" (Hamilton) 753-757.
- "Who is blocking safety at your plant?"** (Benjamin) 230-233.
- Corey, W. C.:** "What we have learned from experience in a leather working plant," 94-95.
- Corrosion:** In "Safety measures in the shipment of chemicals" (Heustis) 567-568.
- Crane:** In "Hazards of plant maintenance—mechanical jobs" (Pease) 388.
- Crawford, W. E.:** New York contractor's experience, 665-667.
- Crushers:** (See Quarries.)
- Curry, A.:** "What can be done to prevent accidents in the small plant?" 79-81.
- Curtis, A. J. R.:** Informal address, 495-496.
- Cyanide Burns:** (See Burns.)
- Dalzell, J. W.:** Positive side of safety, 170-171.
- Dam Construction:** "Safety and efficiency in dam and other construction" (Butler) 693-697.
- Davidson, E. C.:** "Treatment of chemical burns, 609-617.
- Davis, J. R.:** "Safety, a sales problem," 528-531.
- De Blois, L. A.:** "Dangers from inadequate grounding," 230.
- Dermatitis:** (See Skin Diseases.)
- Dienst, Alexander:** "Hazards and their prevention in the sugar industry, 899-903.
- Dies:** Discussion, 434-437.
- Direct Synthetic Ammonia Process:** (See Ammonia.)
- Disabled Workmen:** (See Workmen, Injured.)
- Diseases—Occupational:** Report of the Committee on occupational diseases and hazards in the chemical trades of the American Chemical Society (Fetzer) 547-566.
- Dodson, Dr. J. M.:** Discussion of Dr. Mock's paper, 122-125.
- "Dramatic aspects of our national accident toll"** (Wishart) 30-36.
- Drums:** Unloading by compressed air, 372.
- Dust Elimination:** In report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer) 556-558.
- Dust Explosions:** Discussion, 892-894.
 "Other side of dust explosion prevention" (Price) 888-892.
 Sulphur dust (Kepner) 167-168.
- Dust Respirators:** (See Respirators.)

- Economics: "Maintaining interest of foremen" (Kalina) 222-223.
 "Maintaining interest of management" (Morey) 212-218.
- Education—Engineering: Report of committee on accident prevention in engineering colleges (Keown) 264-265.
- "Education of careless Cal" (Aitken) 163-167.
- Education of Workmen: Discussion, 218-220.
 "Maintaining interest of management" (Morey) 217.
- Eigel, S. H.: "How Milwaukee is putting the safety movement across," 681-684.
- Electric Railway Section: Bulletin Committee report, 710.
 Committee to study accident classifications, 791.
 Membership Committee report, 709.
 Minutes, 705-707.
 Motion on committee to study grade crossing problem, 730.
 Nominating Committee report, 752.
 Officers, 705: 752.
 Program Committee report, 708-709.
 Report of committee to establish closer relationship between N. S. C. and A. E. R. R., 710-711.
 Resolution of appreciation for Mr. Hellmuth's work, 757.
 Secretary's report, 707-708.
- Electric Railways: "Accident prevention—why?" (Funk) 711-714.
 "Accident prevention—Why and How?" (Powell), 716-718.
 Birmingham honors for safety efficiency, 723.
 "Board of inquiry in action," 724-742.
 Cost of campaigns, 746.
 "Crossing accidents" (Van Osdol) 753-763.
 Discussion of accident classification and statistics (Noonan) 784-789.
 Discussion of Mr. Van Osdol's paper (Rowe) 763-767.
 "Harmonious relations between employees and management and their effect upon accident prevention" (Hamilton) 753-757.
 Life Saver's Club, 722.
 "No report claims and what is being done to reduce them" (Whitmore) 794-798.
 "Noise reduction by the electric railways" (Williams) 321-322.
 Organization, 748-749.
 Settlement of claims, 714.
 "Successful methods of safety" (Connors) 743-746.
 Tests for platform men, 745.
 "Value of accident classification" (Powell) 789-791.
 "Value of classified accident statistics" (Bennett) 781-784.
 What should be counted as an accident, 718-721.
- Electricity: Grounding, dangers from (De Blois) 280.
 "Guarding stationary electrical equipment" (Harnden) 277.
 Human body resistance. In "Low voltage electrical hazards" (Whiting) 271.
 In "Hazards of plant maintenance—mechanical jobs" (Pease) 336.
 "Low voltage electrical hazards"; Discussion, 268-281.
 "Polarized wiring" (Lloyd) 272.
 Renewing fuses, 394.
 Safe extension lamps, 281.
 "Safety in electrical testing" (Harnden) 282-283.
 (See also Tools, Electric.)
- Electricity—Static: Discussion, 395.
 "Static Electricity" (Butler) 288-290.
- Elevators: Lighting, 837.
- Employees' Benefit Associations: Checking up on disabilities, 839-841.
 Costs and dues, 830-834.
 How far company should go in contributing to upkeep, 847-849.
 In "How far should industry go in a health program?" (Rector) 813-814.
 Income tax, 850.
 Incorporation, 849-851.
 Pay for operations, 469-470.
 Secret of success, 834-838.
 Small plants, 823.
 Waiting period, 838.
- Employees' Benefit Associations Section: Minutes, 809-851.
 Nominating Committee report, 830.
- Employees' Meeting: (See Meetings—Employees.)
- Engineering Education: (See Education, Engineering.)
- Engineering Section: Constitutional amendments, 262-263.
 Membership Committee report, 260-261.
 Minutes, 253-346.
 Nominating committee report, 263-264.
 Officers, 253-254.
 "Past, present and future of the ASSE-Engineering Section" (Sanford), 255.
 Report of committee on accident prevention in engineering colleges (Keown), 264-265.
 Report of committee on accidents around mast hoists, 304-306.
 Report of committee on annealing chains (Thalner), 329.
 Report of committee on chapter organization and chapter activities (Hartford), 262.
 Report of committee on hazards involved in the operation of the direct synthetic ammonia process (Ernst), 291-304.
 Report of committee on methods of preventing steam engine breakdown (Royer), 330-334.
 Report of committee on rotary stresses (James), 334-338.
 Report of committee on suction systems (Graves), 265-266.
 Report of committee on the elimination of harmful noise (Mowery), 307-309.
 Report of steering committee on regional safety conferences, 261-262.
 Report of steering committee on research, standard and codes, 255-260.
 Resolution on death of C. R. Alling, 267.
- Engines: Report of committee on methods of preventing steam engine break down (Royer), 330-334.
 Ernst, F. A.: "Hazards involved in the operation of the direct synthetic ammonia process," 291-304.

- Executive Committee—N.S.C.: 3-6; 180-181.
- Executives' Place in Industry: Discussion, 668-669.
- "Accident prevention from the viewpoint of an executive" (Brown), 450-453.
- Also see Management.
- Executives' Session: Minutes, 45-69.
- Exhaust systems, see Suction systems.
- Explosions: Oppan, Germany. Explosion, 302.
- "Safety in the cement and quarry industry" (Lansburgh), 501.
- Explosives: In "Safety in the cement and quarry industry" (Lansburgh), 501.
- Eye Protection: "Goggles? H—l, yes!" (Kuechenmeister), 147-156.
- Falls (People): In "Safety in the cement and quarry industry" (Lansburgh), 503.
- Fetzer, Dr. L. W.: Report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society, 547-566.
- Fire Prevention: "Ashes and the undertaker" (Vernor), 62-69.
- Fire Sprinklers: Chemical plan automatic sprinkler (Kepner), 167-168.
- Fires—Kansas City reduction: In "Ashes and the undertaker" (Vernor), 68.
- First Aid: Discussion, 415-421.
- "High spots of industrial first aid" (Fisher), 242-249.
- Platform men, 716.
- "Practical demonstrations of first aid," 101-103.
- Fisher, G. R. G.: "High spots of industrial first aid," 242-249.
- Fisk, Dr. E. L.: "Periodic health examinations in industry," 826-829.
- Fly Wheels: "Care of fly wheels when presses are being repaired," 394.
- In Report of committee on rotary stresses (James), 335.
- Food Industry: "Dangers from foreign objects in food products" (Strobhar), 895-898.
- "No accident campaigns" (Selmon), 871-873.
- "Special safety problems in the food industry" (Spicer), 877-886.
- Food Section: Discussion of the purpose and scope of the Food Section (Wiedenmann), 856.
- Minutes, 853-907.
- Need (Strobhar), 857-859.
- Nominating committee report, 877.
- Officers, 853.
- "Purpose and scope of the Food Section" (Sutton), 854-856.
- Foreign Greetings: 179-180.
- Foremen: Discussion, 227-228.
- "Maintaining interest of foremen" (Kalina), 222-223.
- Forsberg, A. B.: "Safety education of the new employee," 411-415.
- "Fundamentals of successful industrial medical work" (Van Emburgh), 126-135.
- Funk, N. M.: "Accident prevention—Why?" 711-714.
- Gas Masks, see Masks.
- Gas Poisoning: In Report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer), 553-554.
- General Electric Company: "Testing electric devices" (Harnden), 282-283.
- General Round Table: Minutes, 145-177.
- Getting the injured worker back on the job, see Workmen, Injured.
- "Goggles? H—l, yes!" (Kuechenmeister), 147-156.
- Goodspeed, M. C.: "Guarding portable electric tools," 278.
- "Gospel of good health" (Phillips), 106-115.
- Grade Crossings: "Board of inquiry in action," 724-742.
- "Crossing accidents" (Van Osdol), 753-763.
- Discussion, 775.
- Discussion of Mr. Van Osdol's paper (Rowe), 763-767.
- "Mechanical protection" (Johnson), 777-780.
- Resolution on committee to study grade crossing problem, 780.
- Signs and signals, automatic lights and bells, 767-768.
- Graves, W. J.: Report of committee on suction systems, 265-266.
- Green, E. T.: "Relationship between the physical examination and accident prevention," 460-467.
- Griffin, G. H.: "Is a safety committee worth while?" 84-92.
- Guards: Mechanical safeguard and education, 475.
- Record of guards and keeping in place, 98-100.
- Gyratory crushers, see Quarries.
- Hale, Isalah: Closing address at general round table, 175-177.
- Remarks of chairman, 145-147.
- Hamilton, J. A.: "Need for safety in the small plant," 74-78.
- Hamilton, T. G.: "Harmonious relations between employees and management and their effect upon accident prevention," 753-757.
- Hammers, see Tools, Hand.
- Handling Materials: Car load lots, 363-370.
- "Handling of bagged and crated materials" (Agry), 866-871.
- "Hazards of assembly" (Thalner), 397-406.
- "Hazards of receiving, storing and transferring materials" (Shaw), 354-355.
- In "Safety in the cement and quarry industry" (Lansburgh), 503-504.
- Lifter for sheet steel, 369.
- "Safety measures in the shipment of chemicals" (Heustis), 566-574.
- Sheet metal, 355-356; 358-361.
- Small trimmings, 362.
- See also Barrels, handling.
- Harmon, James: "Standing of the safety department in the organization," 798-801.
- Harnden, J. D.: "Guarding stationary electrical equipment," 277.
- "Safety in electrical testing," 282-283.

- Harris, N. D.: "Curtailling accident costs," 653-657.
- Hartford, Ernest: Report of committee on chapter organization and chapter activities, 262.
- "Have a Heart" (Jones), 203-210.
- Health Service Division: Minutes, 105-143.
- Health Supervision of Employees: Discussion, 819-823.
- "Gospel of good health" (Phillips), 106-115.
- "How far should industry go in a health program?" (Rector), 809-851.
- Human conservation and human salvage" (Mock), 116-122.
- "Relation of preventative health measures to labor stability (McElroy), 189-143.
- Helmets: In "Filtering efficiencies of dust respirators and gas masks" (Katz, Meiter and Smith), 596.
- Hensel, H. G.: "Accident statistics," 162-163.
- Hernia: Discussion, 364-367.
- Heustis, B. L.: "Safety measures in the shipment of chemicals," 566-574.
- Hoisting: In "Hazards of assembly" (Thalner), 404.
- See also Handling Materials.
- Hoists: Progress report of committee on accidents around mast hoists, 304-306.
- Riding on hoists, 657.
- Home Safety: "What 2,000 children have taught me (Jackson), 50-56.
- Hooks: Hazard of overhead hooks used on conveyors, 363-364.
- Hoover, D. N.: "Sacredness of human life," 47-50.
- Horseplay: In "Transformation of material-machine processes" (Lauzure), 375-378.
- Hospitals: "Hospitals' part in prevention and cure of disabilities" (Moulinier), 38-43.
- Housekeeping: "Good housekeeping practice in factories" (Van Wormer), 81-84.
- Marking aisles, 936.
- "Human conservation and human salvage" (Mock), 116-122.
- Human Element in Safety Work: "Dramatic aspects of our national accident toll" (Wishart), 30-36.
- "Putting new values into human life" (Kettering), 196-203.
- "Human life, Sacredness" (Hoover), 47-50.
- Hydrogen: "Hazards involved in the operation of the direct synthetic ammonia process (Ernst), 292-300.
- Infections: Clark Thread Co., 130.
- Cuts from sheet metal, 359.
- Inspection: Safety Inspection chart of Westinghouse Electric & Mfg. Co., 169.
- Ingham, S. W.: Getting the injured back to work, 158-159.
- Injured workmen, see Workmen, Injured.
- Insurance: Alpha Portland Cement Co., 456.
- Jacketed kettles, see Kettles.
- Jackson, Dr. C.: "What 2,000 children have taught me," 50-56.
- Jacobsen, H. G.: Secretary's report, 445-447.
- Testimonial, 497.
- James, S. V.: Report of committee on rotary stresses, 334-338.
- Johnson, S. E.: "Mechanical protection," 777-780.
- Jones, E. D.: "Have a heart," 203-210.
- Prayer, 7-8.
- Kaems, A. L.: Power press discussion, 427-436.
- "Why a power press section?" 422-424.
- Kalina, M. A.: "Maintaining interest of foremen," 222-223.
- Kantz, S. H.—Meiter, E. G. and Smith, G. W.: Filtering efficiencies of dust respirators and gas masks," 588-603.
- Kearns, T. P.: Small plant, 71-73.
- Keown, R. Mc. A.: Report of committee on accident prevention in engineering colleges, 264-265.
- Kepner, I. V.: "Best safety kink I have known," 167-172.
- Kettering, C. F.: "Putting new values into human life," 196-203.
- Kettles—Steam jacketed. "Steam jacketed kettles (Morrison), 859-865.
- King, W. G.: Report of steering committee on regional safety conferences, 261-262.
- Response of president-elect, 183.
- Kinks—Safety: "Best safety kinks I have known" (Kepner), 167-172.
- Mirrors—most careful man in plant (Salisbury), 170.
- Safety markers along plant walk (Rosebush), 172.
- Soap box talks (McClellan) 172.
- Knight, E. B.: "No accident competition," 235-240.
- Kuechenmeister, G. A.: "Goggles? H—I, Yes!" 147-156.
- Labor Turnover: Discussion, 474.
- Ladders: Purchase and maintenance, 392.
- Lamps—Miners: In Report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer), 551-552.
- Lansburgh, R. H.: "Safety in the cement and quarry industry," 500-504.
- Lauzun, A. A.: Transformation of material-machine processes," 375-378.
- Lead Poisoning: In Report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer), 559-560.
- Leather Industry: "What we have learned from experience in a leather working plant" (Corey), 94-95.
- Life Lines: Discussion, 505-506; 513-519.
- See also Belts, Safety.
- "Life Savers' Club," 722.
- Lime Burns, see Burns.
- Little, Dr. R. M.: "Spirit that moves in progress, 349-353.
- Lloyd, Dr. M. G.: Polarized wiring," 272.

- Lost time accidents, see Classification of Causes of Accidents.
- Low voltage electrical hazards, see Electricity.
- Lye: Discussion, 123.
- Lye burns, see Burns.
- McClellan, W. F.: Soap-box talks, 172.
- Machinery: Setting, 395.
- McElroy, Dr. Thomas: "Relation of preventative health measures to labor stability," 139-143.
- McMurchy, D. F.: "Checking plans for safety," 686-690.
- Maintaining Interest in Safety: Discs used as safety tokens, 459.
- "Maintaining interest of foremen" (Kallna), 222-223.
- "Maintaining interest of management" (Morey), 212-218.
- "Who is blocking safety at your plant?" (Benjamin), 230-233.
- Maintenance Department: Accident rates, 391.
- "Hazards of plant maintenance—mechanical jobs" (Pease), 383-391.
- Malingering: Discussion, 157; 483-484; 494; 844.
- Management: Discussion, 225.
- "Maintaining interest of management" (Morey), 212-218.
- Managing Director's Annual report, see National Safety Council.
- Management: "Accident prevention from the viewpoint of an executive" (Brown), 450-453.
- "Harmonious relations between employees and management and their effect upon accident prevention" (Hamilton), 753-757.
- Masks: Chemical and physical tests, 552.
- "Filtering efficiencies of dust respirators and gas masks" (Katz, Meiter and Smith), 588-603.
- "Types of gas masks and respirators" (Segrave), 581-584.
- Mast hoists, see Hoists.
- Medical Supervision: Cost, 824.
- Dispensing of medicine, 823.
- "Fundamentals of successful industrial medical work" (Van Emburgh), 126-135.
- "Gospel of good health" (Phillips), 106-115.
- "How far should industry go in a health program?" (Rector), 814-815.
- "Organizing for the care of the industrial wounded" (Torrey), 135-139.
- See also Physical Examination of employees; Health Supervision of employees.
- Meetings—Employees: Employees paid for time, 749-750.
- Meiter, E. G.—Katz, S. H. and Smith, G. W.: "Filtering efficiencies of dust respirators and gas masks," 588-603.
- Mental Attitude: Discussion, 174.
- Miners' Safety Lamp, see Lamps—Miners.
- Misch, Otto: Address, 652-653.
- Mock, Dr. H. E.: "Human conservation and human salvage," 116-122.
- Monoxide gas, see Carbon Monoxide Gas.
- Morbidity: "Fundamentals of successful industrial medical work" (Van Emburgh), 130-135.
- Morey, A. T.: "Maintaining interest of management," 212-218.
- Morrison, J. P.: "Steam jacketed kettles," 859-865.
- Moulinier, C. B.: Hospitals' part in prevention and cure of disabilities, 38-43.
- Mowery, H. W.: Report of committee on the elimination of harmful noise, 307-309.
- Report of nominating committee, 263-264.
- Muriatic Acid: Shipping in tank cars, 576.
- Nail Hazards: In "Hazards of assembly" (Thalner), 405-408.
- National Safety Council: Annual address of president (Scott), 8-14.
- Managing Director's Annual report (Cameron), 21-27.
- Treasurer's Annual report, 27-29.
- New Employees: "Safety education of the new employee" (Forsberg), 411-415.
- Nitrates—Packing: In "Safety measures in the shipment of chemicals" (Heustis), 572.
- Nitric Acid: In "Safety measures in the shipment of chemicals" (Heustis), 567-568.
- Nitrogen: "Hazards involved in the operation of the direct synthetic ammonia process" (Ernst), 300-301.
- No accident campaigns, see Campaigns.
- Noise: "Civic club of Philadelphia" (Snook), 318-320.
- List of publications, 316..
- "Noise reduction by the electric railways" (Williams), 321-322.
- "Noise reduction in power transmission" (Small & Bertram), 323-325.
- Noise: Report of committee on the elimination of harmful noise (Mowery), 307-309.
- Some important cases of noise elimination with legal aspects" (Rosenblatt), 327-328.
- "Some physical and auditory aspects of noise" (Snook), 310-313.
- Nominating Committee report, 14-15.
- Noonan, V. T.: Discussion of accident classification and statistics, 784-789.
- Nurses: "How far should industry go in a health program?" (Rector), 814-815.
- Male nurse, 472.
- Occupational Diseases, see Diseases, Occupational.
- Officers of N.S.C., see Executive Committee of N.S.C.
- Organization: "Putting the job in order" (Smith), 659-665.
- "Safety and efficiency in dam and other construction" (Butler), 693-697.
- "Standing of the safety department in the organization" (Harmon), 798-801.
- Paint Spraying, see also Respirators.
- Painting: Spray coating, 644-645.
- Parry, E. H.: "Year's experience with a borrowed plan," 478-483.

- Pease, L. A.: "Hazards of plant maintenance—mechanical jobs," 383-391.
- Periodic Examinations, see Physical Examination of employees.
- Phillips, Dr. W. C.: "Gospel of good health," 106-115.
- Phosphorous Burns, see Burns.
- Physical Examination of Employees: Cost of re-examination, 823. Heads of departments, 825. In "How far should industry go in a health program (Rector), 812-814. "Periodic health examinations in industry" (Fish), 826-829. "Relationship between the physical examination and accident prevention" (Green), 460-467. See Medical Supervision: Health supervision of employees.
- Physicians: Discussion, 470-472. "Fundamentals of successful industrial medical work" (Van Emburgh), 126-135. "Ideals of conduct," 818.
- Piling Materials, see Handling materials.
- Pipe Fitting: In "Hazards of plant maintenance—mechanical jobs (Pease), 389.
- Plays: "Board of Inquiry," 724-742. "Education of Careless Cal" (Altken), 163-167. "Goggles? H—l, Yes!" (Kuechenmeister), 147-156.
- Poisoning, see Benzol poisoning; Gas poisoning; Lead poisoning.
- Poisons: In "What 2,000 children have taught me" (Jackson), 53-54. Industrial poisons committee report, 539-540.
- Portable electric tools, see Tools, electric.
- Portland Cement Association: Safety activities, 445-447.
- Positive Side of Safety: Discussion (Dalzell), 170-171.
- Powell, G. E.: "Accident prevention—Why and How?" 716-718. "Value of accident classification," 789-791.
- Power Houses: "Safety and efficiency in dam and other construction" (Butler), 693-697.
- Power Press Section: Committee, 424; 443. "Why a power press section?" (Kaems), 422-424.
- Power Presses: "Building safety into power press tools" (Beyer), 424-427. Discussion, 427-436. "Why a power press section?" (Kaems), 422-424.
- Power Transmission: "Noise reduction in power transmission" (Small and Bertram), 323-325.
- Prayer: Annual meeting (Jones), 7-8. President's Annual address (Scott), 8-14.
- Pressure Vessels, see Kettles—Steam Jacketed.
- Price, D. J.: "Other side of dust explosion prevention," 888-892.
- Prizes: "Conley" award, 715. Discussion, 678-679. In "No accident competition" (Knight), 233-239. Money as prizes, 240-241. Money bonuses, 714-715. Portland Cement Association trophy, 447-448. Trip to Congress, 706-707.
- Trophies: In "Accident prevention from the viewpoint of an executive" (Brown), 453.
- Production: Cement plant, 457-458. Discussion, 234. Increased by accident prevention. In "Who is blocking safety at your plant?" (Benjamin), 230-231. Relationship between industrial accidents and production" (Wallace), 57-62.
- Psychology: Accident anxiety of workers. In "Transformation of material—machine processes" (Lauzun), 378. Discussion (Hale), 175-177. Discussion of mental attitude, 174.
- Public Safety: "Educating the public and educational work in the schools" (Carrow), 768-774.
- Publicity: "Safety a sales problem" (Davis), 528-531.
- Punch Presses: "Why I can talk to you about punch presses" (Thompson), 438-443. (See Power Presses.)
- Quarries: Agitators, 517-518; 520. Crushers, 521-522; 525. Discussion, 486-487. Life Lines, 505-506. "Safety in the cement and quarry industry" (Lansburgh), 500-504. (See also Bins, Safeguarding.)
- Quarry Section: Joint meeting with Cement Section, 499-531.
- Radioactive substances: Discussion, 561-563.
- Radium: Luminous paint, 561-563.
- Rector, Dr. F. L.: "How far should industry go in a health program?" 809-825.
- Regional Conferences: (See Conferences.)
- Rehabilitation: "Fundamentals of successful industrial medical work" (Van Emburgh), 130-135. "Hospitals' part in prevention and cure of disabilities (Moulinier), 38-43. "Human conservation and human salvage" (Mock), 116-122.
- Rendering Tanks, see Kettles.
- Resolutions: Appreciation for Mr. Hellmuth's work, 757. Upon death of C. R. Alling, 267. Resolutions committee report, 15-21.
- Respirators: "Filtering efficiencies of dust respirators and gas masks" (Katz, Meiter and Smith), 588-603. Paint spraying, 584-585. "Types of gas masks and respirators" (Segrave), 581-584.
- Resuscitation: Discussion, 249-252; 488-490. In "High spots of industrial first aid" (Fisher), 247-248. In report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer), 555. Life saved, 488-489.
- Rewards, see Prizes.

- Rice, Mrs. I. L.: "Civic club of Philadelphia," 318-320.
- Robinson, J. W.: Secretary's report, 648-651.
- Ropes: "Wire Rope" (Williams), 509-513.
- Rosebush, F. H.: Safety markers along plant walk, 172.
- Rosenblatt, M. C.: "Some important cases of noise elimination with legal aspects," 327-328.
- Rosenzweig, S.: "Vibrating a community is a nuisance according to important court decision," 325-327.
- Rotary Stresses: Report of committee on rotary stresses (James), 334-338.
- Rowe, H. A.: Discussion of Mr. Van Osdol's paper, 763-767.
- Royer, D. L.: Report of committee on methods of preventing steam engine breakdown, 330-334.
- Rubber Section: Joint meeting with chemical section. Minutes, 629-645. (See also Benzol Poisoning; Painting.)
- Rules: Disciplinary measures, 657.
Signed Certificate for rule book, 287.
"Sacredness of human life" (Hoover) 47-50.
- Safety in Small Plant: Minutes, 71-103.
- Safety movement—Progress: "Spirit that moves in progress" (Little) 349-353.
- "Sales problem, Safety" (Davis) 528-531.
- Sallisbury, R. C.: Mirrors—most careful man in plant, 170.
- Sanford, G. E.: "Past, present and future of the ASSE-Engineering Section," 235.
- Sawyer, D. H.: Discussion on A. G. C., 663-669.
- Schermerhorn, James: "Observations fitting the occasion," 184-190.
- Schools, Safety work in: "Educating the public and educational work in the schools" (Carrow) 768-774.
- Scott, C. B.: Annual address of president, 8-14.
Banquet chairman, 179-182.
- Segrave, H. J.: "Type of gas masks and respirators," 581-584.
- Selmon, A. C.: "No accident campaigns," 871-873.
- Shafting: In report of committee on rotary stresses (James) 336.
- Shaw, R. A.: "Hazards of receiving, storing, and transferring materials," 354-355.
- Sheet Metals—Handling. (See Handling Materials.)
- Shipment of chemicals. (See Handling Materials.)
- Showers: Discussion of showers for chemical plants, 618-625.
- Signals, Grade Crossings. (See Grade Crossings—Signs and Signals.)
- Skin Diseases: In "Treatment of Chemical Burns" (Davidson) 609-617.
- Small, G. O. & Bertram, W. M.: "Noise reduction in power transmission," 323-325.
- Small Plants: "Need for safety in the small plant" (Hamilton) 74-78.
- "What can be done to prevent accidents in the small plant?" (Curry) 79-81.
- "What we have learned from experience in a leather working plant" (Corey) 94-95.
(See also Safety in Small Plant.)
- Smith, G. W., Meiter, E. G., & Katz, S. H.: "Filtering efficiencies of dust respirators and gas masks," 588-603.
- Smith, W. S.: "Putting the job in order," 659-665.
- Snook, H. C.: "Some physical and auditory aspects of noise," 310-318.
- Sodium Burns: (See Burns.)
- Solvents: In "Safety measures in the shipment of chemicals" (Heustis) 569-570.
(See also Benzol Poisoning.)
- Spicer, J. S.: "Special safety problems in the food industry," 877-886.
- Spray Painting: (See Painting.)
- Sprinklers: (See Fire Sprinklers.)
- Standards, Safe guarding: Report of steering committee on research, Standards, and codes, 255-260.
- Static Electricity: (See Electricity—Static.)
- Steam Engines: (See Engines.)
- Steam Jacketed Kettles: (See Kettles.)
- Stewart, Ethelbert: Discussion at cement section, 467-468.
"Need of a more definite background for statistics in the chemical industry," 541-546.
- Storage Bins: (See Bins, Safeguarding.)
- Stratton, R. C.: Report of steering committee on research, Standards and Codes, 255-260.
- Strobhar, T. S.: "Danger from foreign objects in food products," 895-898.
Need of a Food Section, 857-859.
- Suction System: Devised to clean away dust, 382.
Report of committee (Graves) 265-266.
- Sugar Industry: "Hazards and their prevention in the sugar industry" (Dienst) 899-903.
- Sulphur Dust: (See Dust Explosions.)
- Surgeons: In "Organizing for the care of the industrial wounded" (Torrey) 138-139.
- Sutton, V. D.: "Purpose and scope of the Food Section," 854-856.
- Synthetic Ammonia: (See Ammonia.)
- Tank Cars:
Labeling, 579-581.
Shipping liquid ammonia and chlorine, 575-581.
Unloading platform, 626.
- Tanks: Underground gasoline tank, 396.
"Temple of Safety," 664.
"Testing electric devices" (Harnden), 282-288.
- Thalner, R. F.: "Hazards of assembly," 397-406.
Report of committee on annealing chains, 329.
- Thompson, G. S.: "Effective use of accident statistics in safety work," 161-162.
"Why I can talk to you about punch presses," 438-443.

- Thompson, J. E.: "Practical demonstration of first aid," 101-103.
- Tools, Electric: "Guarding portable electric tools" (Goodspeed) 378.
- "Portable tool requirements in Detroit" (Clark) 279.
- Tools—Hand: Bull's eye hammer, 405-408.
- Torrey, Dr. H. N.: "Organizing for the care of the industrial wounded," 135-139.
- Toys, Danger of: In "What 2,000 children have taught me" (Jackson) 53-54.
- Transportation: (See Handling Materials.)
- Treasurer's Annual Report: (See National Safety Council.)
- Trophies: (See Prizes.)
- Trucks—Electric: Discussion, 393.
- Van Emburgh, G. H.: "Fundamentals of successful industrial medical work," 126-135.
- Van Osdol, J. A.: "Crossing accidents," 758-763.
- Van Wormer, S. C.: "Good house-keeping practice in factories," 81-84.
- Ventilation: In report of the committee on occupational disease and hazards in the chemical trades of the American Chemical Society (Fetzer) 554-555.
- Veteran's Safety League: Discussion, 457.
- Vice-Presidents—N. S. C., 182.
- Vocational Education: Discussion, 213-220.
- In "Maintaining interest of management" (Morey) 217.
- Ventilation: (See Suction Systems.)
- Vernor, R. E.: "Ashes and the undertaker," 62-69.
- "Vibrating a community is a nuisance" (Rosenzweig) 325-327.
- Wallace, L. W.: "Relationship between industrial accidents and production," 57-62.
- Welcome, Address of (Atkinson) 36-37.
- Whiting, S. E.: Industrial Poisons committee report, 539-540.
- "Low voltage electrical hazards," 268-273.
- Whitmore, G. R.: "No report claims and what is being done to reduce them," 794-798.
- Wiedenmann, A. H.: Discussion of the purpose and scope of the Food Section, 356.
- "Special hazards in the baking industry," 903-907.
- Williams, H. L.: "Wire rope," 509-513.
- Williams, H. S.: "Noise reduction by the electric railways," 321-322.
- Wilson, W. R.: Address of chairman, 45-47.
- Winslow, C.—E. A.: "National Safety Council study of benzol poisoning," 629-643.
- Wire Rope: (See Ropes.)
- Wishart, A. W.: "Dramatic aspects of our National accident toll," 30-36.
- Workmen, Injured: Discussion, 156-160.
- "Human conservation and human salvage" (Mock) 116-122.
- "Organizing for the care of the industrial wounded" (Torrey) 135-139.
- "World's supply of bunk—will it never be exhausted?" (Bennett) 342-346.
- Yards: In "Hazards of assembly" (Thalner) 405.

INDEX

VOLUME II

- Abrasive Wheels: Perks Washer, 731-772.
- Accident Records: Mines. In "General safety in and about the mines" (McDowell) 285-286.
- Accident Statistics: Flying shuttles. "Preventing accidents from flying shuttles" (Sandel) 973.
- Grade crossing. In "Minnesota stop law" (Watson) 807.
- Leather industry. In "Practical application of safety among leather workers" (Corey) 311.
- Mines. 290.
- Mines. In "Employees' representation at the Copper Queen branch of the Phelps Dodge Corporation and the relation of industrial representation to the safety movement" (Henrie) 252.
- Packers' and tanners' industries. 224.
- Paper and pulp industry—frequency or severity? 383-384.
- Railroads. In "Address" (McGonagles) 882.
- Standard Oil Company. In "Safety methods and accomplishments in some Atlantic seaboard refineries" (Waddington) 457.
- Tanners. In "Safety kinks in the leather working industry" (Morris) 331-333.
- Textile. In "Keystone of textile safety" (Griffith) 926-932.
- Western Union Telegraph Company, 646.
- Woodworking. In "Where accidents occur in the woodworking industry" (Fuller) 1013-1014.
- Accidents—Costs: "Financial aspects of the safety movement in the crushed stone industry" (Goldbeck) 675-680.
- "Accidents, ultimate cause" (Dow) 660-668.
- Ageton, R. V.: Report of Poster Committee, 190-191.
- Annealing Furnace: Device for lifting sheet material from furnace, 178.
- Annealing Machine: Fire protection hood, 177-178.
- Anthrax: Discussion, 312.
- In "Practical application of safety among leather workers" (Corey) 309.
- Automobile Driving: Bumpers, 856-857.
- "Community Safe Driving Schools" (Truett) 910-912.
- Discussion at Taxicab and Fleet-Owners' Section, 851-858.
- Governors, 857-858.
- "Light trucking" (Hemman) 882-888.
- "Selection and training of taxicab drivers" (Viteles) 894-903.
- Speedometers, 852-855.
- Standard Oil Company, "Lowering the accident curve and maintaining interest in safety work" (Farrell) 447.
- "Stimulating and holding the interest of commercial driver organizations in the greater safety movement" (Graves) 914-917.
- Taxicab drivers tested, 903-908.
- See also Brakes; Chains, Skid.
- Beardsley, C. R.: "Safeguarding of workmen during construction, alteration and installation of power house equipment," 571-577.
- Benner, J. G.: "Committees," 162-163.
- Benson, H. H. J.: "Navy's contribution to safety at sea," 12-18.
- Blasting: Carrying case for capped fuses, 295-297.
- Details on dropping the cartridge into the hole, 702-703.
- Discussion, 229-233.
- In "Kindling explosives" (McLaughlin) 697-700.
- In "Safeguarding electrical equipment in mines" (Harrington) 274.
- Making speed in loading the holes, 700.
- "Safe practices in blasting" (Hurter) 213-223.
- Splitting the wrapper not necessary, 701.
- Boilers, see also Gauge glasses.
- Bonus Systems: In "Inventive genius developed by ship safety committee work" (Marr) 78.
- In "Method of promoting safety interest at the homestake mine" (Ross) 235.
- Booth, W. A.: Report of Chairman of Committee on Public Relations of Steam Railroad Section, 765-766.
- Brainard, N. L.: "No-accident campaigns," 336-346.
- Brakes: "Advantages of four-wheel brakes" (DeWeese) 872-876.
- "Brake inspections and maintenance" (Parks) 859-863.
- Bus operation on hills, 866.
- Discussion, 876-879.
- Discussion on automobile brake testing, 864-866; 869.
- Two-wheel brakes vs. the four-wheel brake, 867-869.
- Brown, N. T.: "Safe bus operation" 890-892.
- Bulletins: Discussion, 845-850.
- Discussion of Mr. Gan's paper (Soltensten) 526-531.
- "Posters" (Quesnel) 156-161.
- Report of Bulletin Committee of Electric Railway Section, 715-716.
- Report of Bulletin Committee of Metals Section, 103-104.
- Report of Bulletin Committee of Mining Section, 190-191.

- Report of Bulletin Committee of Paper and Pulp Section, 356-357.
 Report of Bulletin Committee of Public Utilities Committee, 569-570.
 Report of Bulletin Committee of Steam Railroad Section, 762.
 Report of Bulletin Committee of Taxicab and Fleet-Owners' Section, 845-847.
 Report of Bulletin Committee of Textile Section, 924.
 "Value of pictures and cartoons in safety work" (Gans) 521-526.
 Burns: Dressing steam burns, 745-749.
 Burton, H. J.: Discussion of Mr. Vandercool's paper, 553-554.
 Bus Operation: Bumpers, 856-857.
 Doors, 855.
 "Safe bus operation" (Brown) 890-892.
 Speedometers, 852-855.
 See also Brakes.
 Calendar Rolls: Guard, 723-726; 728-729.
 In "Report of Chairman of Engineering Committee" (Hoener) 735-737.
 Campaigns: "How unusual results were accomplished by a group safety campaign" (MacBrayne) 947-950.
 "No-accident campaigns" (Brainard) 336-346.
 "Stimulating and holding the interest of commercial driver organizations in the greater safety movement" (Graves) 914-917.
 See also Contests.
 Campbell, W.: "How to make a practical safety inspection," 349-350.
 Carbon-Dioxide: "Fighting fire with snow: or fire protection through the use of carbon dioxide" (Eberhardt) 607-613.
 Carrow, T. H.: Discussion of Mr. Jones' paper, 773-778.
 Cars, Foundries, see Handling Materials.
 Cars, Mine, see Mine Cars.
 Cartoons: Discussion, 543-544.
 "Value of pictures and cartoons in safety work" (Gans) 521-525.
 Causes of Accidents, see Classification of Causes of Accidents.
 Cement Mixers, see Mixers, Cement.
 Chains—Skid: Discussion, 879-882.
 Children, Safety Work With: "Trip across the Mesaba" (Telford) 265-266.
 Classification of Causes of Accidents: "Marine risks from the life insurance standpoint" (Reiley) 20-25.
 Clothing: Leggings and shoes, 686.
 Quick removable apron, 721.
 Coal-dust: "Value of rock dusting as a safety measure in preventing coal mine explosions" (Jones) 256-260.
 Coal Mining, see Mines and Mining-Coal.
 Cochran, R. W.: "Safety kinks," 721-733.
 Codes: For oil industry, 435-436.
 Coke Plants: Railings on platforms, 182-185.
 Colored Workmen: Discussion, 1005-1008.
 Committees, Mutuality: Discussion, 255.
 Committees—Safety: Check careless practices, 350-351.
 "Committees" (Benner) 162-163.
 "Committees" (Ziegler) 163-164.
 Discussion, 239-240; 362-365; 440.
 Discussion on ship committees, 80-81.
 Grievances, 289.
 In "A. B. C. of paper mill safety organizations" (Phillips) 358-360.
 In "Methods of promoting safety interests at the Homestake Mine" (Ross) 233-234.
 In "Safeguarding foundry hazards" (Wright) 131-132.
 "Inventive genius developed by ship safety committee work" (Marr) 72-79.
 Commonwealth Steel Company Plans: In "Positive and constructive thoughts on safety on the fundamentals upon which safety is based and results accomplished by their applications" (Howard) 119-120.
 Competition: "Methods of inter-departmental safety competitions" (Hockett) 988-992.
 Competition, see also Contests.
 Conferences: Paper and Pulp regional conferences, 385.
 Connor, J. F.: Discussion of Mr. Beardsley's paper, 577-581.
 Construction: Discussions on Mr. Beardsley's Paper (Connors) 577-581.
 "Safeguarding of workmen during construction, alteration and installation of power house equipment" (Beardsley) 571-577.
 Contests: Congress trip. In "General safety in and about the mines" (McDowell) 288.
 "Contests" (Voss) 152-154.
 "How unusual results were accomplished by a group safety campaign" (MacBrayne) 947-950.
 In "Lowering the accident curve and maintaining interest in safety work" (Farrell) 478-481.
 In "Safety practice in and about Alabama coal mines" (Davidson) 203.
 In textile industry, 936.
 Judging departments, 154-155.
 "Methods of inter-departmental safety competition" (Hockett) 988-992.
 "No-accident campaigns" (Brainard) 336-346.
 1927 paper and pulp contest plans, 407.
 Plant Publication contest, 545.
 Reward of cup and certificate in paper industry, 402-409.
 "Safety derby contest," 1003.
 See also Campaigns.
 Cook, G. W.: "Organized accident prevention in cotton mills," 938-941.
 Cooperation: Discussion, 430-431.
 Oil men, 460.
 "Positive and constructive thoughts of safety or the fundamentals upon which safety is based and results accomplished by their application" (Howard) 107-120.

- Corey, W. C.: "Practical application of safety among leather workers," 308-311.
- Cott, E. R.: Report of Secretary of Steam Railroad Section, 760-761.
- Cotton Mills: "Organized accident prevention in cotton mills" (Cook) 938-941.
- Couplings, see Mine Cars.
- Cramer, F. W.: "Electrical hazards in the steel industry," 141-146.
- Cranes: In "Electrical hazards in the steel industry" (Cramer) 145-146.
- Currie, V. R.: "Training the foreman in safety," 484-489.
- Davidson, J. L.: "Safety practices in and about Alabama coal mines," 194-206.
- Davison, A. F.: "Safety from an operator's point of view," 98.
- DeWeese, B. D.: "Advantages of fourwheel brakes," 872-876.
- Dermatitis, see Skin Diseases.
- Diseases, Occupational: "Hydrogen sulphide poisoning in the Texas, Big Lake, Texas and McCamey, Texas, oil fields (Forbes) 462-471. In "Health problems of the textile industry" (Knapp) 959-961.
- "Occupational affections of the skin in the rubber industry" (Millard) 739-743.
- See also Anthrax.
- Dobbin, E. R.: Report of Secretary of Public Utilities Section, 567.
- Dow, A.: "Ultimate causes of accidents," 660-668.
- Dowd, Scott: Reward of cup and certificate, 402-406.
- Drop Hammers: Rope-drop hammers, 180-184.
- Dumping Box, see Handling Materials.
- Dust, see Coal-dust; Limestone dust.
- Dust, Explosions, see Coal-dust.
- Eberhardt, F. W.: "Fighting fire with snow; or fire protection through the use of carbon dioxide," 607-613.
- Economics: "Financial aspects of the safety movement in the crushed stone industry" (Goldbeck) 675-680.
- Education: Paper and pulp text books, 393-394.
- "Safety education (Smith) 682-684.
- Eib, J. P.: Report of Bulletin Committee, 103-104.
- Electric Railway Section: Joint Session with Public Utilities, 659-672.
- Electricity: Discussion of hazards in steel mills, 146-148.
- Discussion of Mr. Kallevang's paper (Kuhn) 635-638.
- Discussion of Mr. Kallevang's paper (Scott) 628-632.
- Discussion on extension cord, 147-150.
- Discussion on grounding, 633-635.
- "Electrical hazard in the steel industry" (Cramer) 141-146.
- "Fighting fire with snow; or fire protection through the use of carbon dioxide" (Eberhardt) 607-613.
- "Grounding practices" (Kallevang) 620-628.
- See also Power Houses.
- Electricity—Mines: Guard for end of trolley wire, 292-293.
- Guard over fan motor for small booster fan, 298; 301.
- Inspection of electrical equipment, 280.
- Lock for trolley wire switch, 295-296; 298.
- Protecting trolley wires, 212-213.
- "Safeguarding electrical equipment in mines" (Harrington) 268-279.
- Electricity—Static: Discussion, 150-151.
- Embossing presses: Guarding Sheridan presses, 325.
- Employees' Meeting, see Meetings of Employees.
- Employees' Representation: Discussion, 253-254.
- "Employees' representation at the Copper Queen branch of the Phelps Dodge Corporation and the relation of industrial representation to the Safety Movement" (Henrie) 242-253.
- Engineering Revision, see Guards Safeguarding.
- Engineers—Safety: "Accident prevention from the viewpoint of a chief engineer" (Jensen) 321-323.
- Evans, E. E.: Chairman's report of Quarry Section, 674-675.
- Explosions: Gas in mines, 263.
- Explosives: "Handling explosives" (McLaughlin) 693-700.
- Making speed in loading the holes, 700.
- "Safe practices in blasting" (Hurter) 213-229.
- See also Blasting.
- Eye Protection: Miners, 237.
- Textile industry, 966.
- See also Goggles.
- Falls—Materials: In "Safety practice in and about Alabama coal mines," 201-202.
- Farrell, R. H.: "Lowering the accident curve and maintaining interest in safety work," 475-482.
- Farris, B. W.: Discussion of Mr. Gardner's paper, 642-649.
- Feet Injuries: Toe-guards, 186-187.
- Fire Prevention: "Experience in some recent oil fires" (Prussing) 492-498.
- "Fighting fire with snow; or fire protection through the use of carbon dioxide" (Eberhardt) 607-613.
- In "Essentials of maritime safety" (Hoover) 8-9.
- In "Methods of promoting safety interests at the Homestake mine" (Ross) 236-237.
- Oil tanks, 616.
- Public utility properties, 613-616.
- First Aid: "First aid to quarries" (Thompson) 703-710.
- In "General safety in and about the mines" (McDowell) 286-287.
- In "Safe practices in steamship terminal operations" (Warfel) 94-97.
- In "Safety practices in and about Alabama coal mines" (Davidson) 206.
- "Practical suggestions for effective first aid" (Shapiro) 1024-1030.
- Training employees, 691-693.
- Fleet—Owners, see Taxicab and Fleet—Owners' Section.

- Floors: Foundries, 134-135.
 Foisie, F. P.: "Urgent need of organized safety, afloat and ashore," 57-62.
 Forbes, J. J.: "Hydrogen sulphide poisoning in the Texas, Big Lake, Texas and McCamey, Texas, oil fields," 462-471.
 "Syllabus on safety kinks in mining," 291-302.
 Foremen: Conferences for mine foremen, 238.
 Discipline, 459.
 Discussion, 54.
 "Keystone of textile safety" (Griffith) 926-932.
 Lectures, 490-491.
 "Letters to foremen" (Rowe) 167-175.
 Schools, 319.
 "Training the foremen in safety work" (Currie) 434-489.
 Foundries: Discussion, 133-140.
 Elimination of smoke, 138.
 "Safeguarding foundry hazards" (Wright) 130-132.
 Transfer cars, 185-186.
 Transferring flasks, 137.
 Walls, 134.
 Frey, C. W.: "How safety can successfully be handled in a railroad shop," 757-760.
 Fuller, G. V.: "Where accidents occur in the woodworking industry," 1010-1019.
 Fuses: (See Blasting.)
 Gans, A. D.: "Value of pictures and cartoons in safety work," 521-526.
 Gardner, C. E.: "Accident prevention work in the Michigan Bell Telephone Company," 639-642.
 Gas Industry: "Accident prevention in the gas industry" (Van Brunt) 593-595.
 Gas Leaks: "Employee on customer's premises" (Keller) 585-587.
 Gases, Injurious, see Hydrocarbon gases; Hydrogen Sulphide.
 Gauge Glasses: Discussion on guards, 83-84.
 Gillette, W. F.: "Substation accident" (Gillette) 584-585.
 Gleason, W. W.: Report of Bulletin Committee of Paper and Pulp Section, 356-357.
 Gleason, W. A.: "Safety and plant mind," 386-391.
 Gloves: Rubber gloves, 600; 602; 604.
 Goal of Safety Work: Discussion, 379-381.
 Goggles: Cutting and welding operations, 688.
 Discussion, 138.
 Foundries, 137-140; 685-686.
 Prevent steaming, 690-691.
 Textile industry, 966.
 Goldbeck, A. T.: "Financial aspects of the safety movement in the crushed stone industry," 675-680.
 Grade Crossings: "Minnesota stop laws" (Watson) 804-808.
 Railroads using new whistle regulation, 797.
 Report of committee on Prevention of Highway Accidents, 763-764.
 Whistle, 825-827.
 Graves, Barney: "Stimulating and holding the interest of commercial driver organizations in the greater safety movement," 914-917.
 Grier, J. B.: "Stimulating and maintaining interest in safety work," 993-996.
 Grievances, see Committees' Safety; Employees' Representation.
 Griffith, B. F.: "Keystone of textile safety," 926-932.
 Report of Chairman of Publicity Committee of Textile Section, 925-926.
 Grinding Wheels: (See Abrasive Wheels.)
 Grounding: (See Electricity.)
 Guards: In "Safety engineering is applied to shipbuilding" (Prouty) 39-40.
 "Late developments in safeguarding" (Oartel) 176-187.
 Hall, R. D.: "Report of Engineering representatives of Mining Section," 192-193.
 Hammers: (See Drop Hammers.)
 Handling Materials: "Accident prevention work in passenger automobile and freight ferry service" (Wollner) 89-94.
 Automatic cut-off for rope haulage—open position, 293.
 Device for lifting sheet material from furnace, 178.
 Explosives: "Safe practices in blasting" (Hurter) 213-229.
 Foundry flasks, 137.
 In "Safety practice in and about Alabama coal mines" (Davidson) 198-199.
 Lifting bar material and placing on racks, 179; 181.
 Material racks, 178-179.
 Safety lugs on ore cars, 297; 300.
 Self-dumping box, 180-181; 185.
 Transfer cars in foundries, 185-186.
 Unloading cargo, 85.
 See also Explosives.
 Harmon, James: "One way to keep from getting old," 582-584.
 Harrington, Daniel: "Safeguarding electrical equipment in mines," 268-279.
 "Harter Act": In "Protection and indemnity insurance in U. S." (Smith) 64-69.
 Hartley, L. H.: "Safety in the woods," 1037-1042.
 Hartman, W. L.: "Surgeon's viewpoint on returning men to service," 791-793.
 Headlights: In "Safe bus operations" (Brown) 891-892.
 Health Hazards—Textile Industry: "Health problem of the textile industry" (Knapp) 955-965.
 Health Supervision of Employees: Discussion of Dr. Sawyer's paper (Hunter) 512-515.
 "Health problem of the textile industry" (Knapp) 955-965.
 "Selling health to employees through the plant publication" (Sawyer) 508-512.
 "Value of physical examinations in industry" (Robinson) 368-373.
 See also Physical Examination of Employees.

- Hemman, L. D.: "Light trucking," 882-888.
- Henrie, H. C.: "Employees' representation at the Copper Queen branch of the Phelps Dodge Corporation and the relation of industrial representation to the safety movement," 242-253.
- Hensel, H. G.: Report of Membership Committee of Metal Section, 104-105.
- Hernia: Discussion, 376-378; 749-751.
- Herr, M. B.: "Color in black and white," 534-539.
- Hockett, W. J.: "Methods of inter-departmental safety completions," 988-992.
- Hoener, E. H.: Report of Chairman of Engineering Committee, 734-739.
- "Holmes Safety Associations" (Mills) 207-209.
- Hoover, D. W.: "Essentials of maritime safety," 5-11.
- House Organs: (See Plant Publications.)
- Housekeeping: Foundries, 133-134.
In "Every department head a safety directors" (Schultz) 124-125.
- Howard, C. H.: "Positive and constructive thoughts on safety—or the fundamentals upon which safety is based and results accomplished by their application," 107-120.
- Hunter, D. C.: Discussion of Dr. Sawyer's paper, 512-515.
- Hurter, C. S.: "Safe practices in blasting," 213-229.
- Hydrocarbon gases: In "Hydrogen sulphide poisoning in the Texas oil fields" (Forbes) 464-465.
- Hydrogen Sulphide: "Hydrogen sulphide poisoning in the Texas, Big Lake, Texas, and McCamey, Texas, oil fields" (Forbes) 462-471.
- Inspection: Automobile trucks, 482.
Committees, 363-365.
"Essentials of maritime safety" (Hoover) 5-11.
"How to make a practical safety inspection" (Campbell) 349-350.
- Insurance: "Protection and indemnity insurance in U. S." (Smith) 64-69.
- Insurance—Life: "Marine risks from the life insurance standpoint" (Reiley), 20-25.
- Inter-Plant Visits: (See Plant Visits.)
- Iron and Steel Industry: "Electrical hazards in the steel industry" (Cramer) 141-146.
- Jackson, C. E.: "Old and new in paper mill safety," 396-401.
- Jensen, S. R.: "Accident prevention from the viewpoint of a chief engineer," 321-323.
- Jointers: In "Accidents in woodworking" (Reid) 1033-1034.
- Jones, J. S.: "Value of rock dusting as a safety measure in preventing coal mine explosions," 256-260.
- Jones, W. H.: "Welfare as applied to safety," 766-773.
- Kallevang, E. J.: "Grounding practices," 620-628.
- Keller, H. M.: "Employee on customer's premises," 585-587.
- Report of Chairman of Poster Committee of Public Utilities Section, 569-570.
- Kennedy, E. A.: "Applying safety organizations to the small plant," 361-363.
- Keown, R. M.: Discussion of Mr. Fuller's paper, 1021-1024.
- Kinks: "Safety kinks" (Cochran) 721-733.
"Safety kinks in the leather working industry" (Morris) 329-334.
"Syllabus on safety kinks in mining" (Forbes) 291-302.
- Knapp, Dr. B. T.: "Health problems of the textile industry," 955-965.
- Knives: Pouches, 325-326.
Knives: Sharpening, 722; 726.
- Kroes, Al.: "How to sell safety to the worker," 313-317.
- Kuhn, P. R.: Discussion of Mr. Kallevang's paper, 635-638.
- La Fountaine, C. L.: Bulletin Committee report of Steam Railroad Section, 762.
- Lantern Slides: (See Slides.)
- Lawler, E. R.: Report of Membership Committee of Rubber Section, 713-714.
- Leather Industry: Flashing machines, 334.
Fumigation of hides, 311-312.
"How to make a practical safety inspection" (Campbell) 349-350.
Making drum safe, 334.
"Practical application of safety among leather workers" (Corey) 303-311.
"Safety kinks in the leather working industry" (Morris) 329-334.
Sheridan presses, 325.
- "Letters to foremen" (Rowe) 167-175.
- Lewis, E. R.: "Starting points," 814-818.
- Lifting Materials: (See Handling Materials.)
- Limestone Dust: Discussion, 210-211.
- Logging: Discussion of hazards, 1042-1049; 1056-1062.
Discussion of skidder, 1042.
"Safety in the woods" (Hartley) 1037-1042.
"Woods as a problem in overhead" (White) 1049-1055.
- Long, J. E.: Report of Chairman of Membership Committee, 761-762.
- Loree, J. T.: Address, 782-785.
- Lumbering, see Logging.
- Lux System, see Carbon Dioxide.
- Mac Brayne, L. E.: "How unusual results were accomplished by a group safety campaign," 947-950.
- McCulloch, B. B.: Report of Chairman of Public Utilities Section, 564-567.
- McDonald, C. A.: "General safety in and about the mines," 282-291.
- McGonagle, W. A.: Address, 799-803.
- McLaughlin, F. F.: "Handling explosives," 693-700.
- MacNulty, Ignatius: "Minimum requirements for safety in woolen mills," 979-985.
- Maintaining Interest in Safety: Discussion (Farris) 646.
In "Method of promoting safety interest at the Homestake Mine" (Ross) 233-237.

- "Lowering the accident curve and maintaining interest in safety work" (Farrell) 475-482.
 "Stimulating and maintaining interest in safety work" (Grier) 993-996.
 Malingering: In "Safety kinks in the leather working industry" (Morris) 322.
 Management: Discussion on selling safety to executives, 596.
 "Every department head a safety director" (Schultz) 121-127.
 Selling Safety, 933.
 Manholes: Ventilating, 602; 604-605.
 Marine Hazards: "Accident prevention on tank steamships" (Tode) 29-32.
 "Accident prevention work in passenger automobile and freight ferry service" (Wollner) 89-94.
 "Essentials of Maritime Safety" (Hoover) 5-11.
 "General observations on the subject of marine safety" (Raymond) 87-89.
 "Generous cooperation a necessity for progress of the safety movement in the stevedoring industry" (Sweeny) 25-28.
 "Inventive genius developed by ship safety committee work" (Marr) 72-79.
 "Marine risks from the life insurance standpoint" (Reiley) 20-25.
 "Maritime safety" (Mitchell) 70-72.
 Motor boats, 18-20.
 "Navy's contribution to safety at sea" (Benson) 12-13.
 "Organizing for safety on the Pacific Coast" (Titus) 42-50.
 "Protection and indemnity insurance in the U. S. (Smith) 64-69.
 "Safe practices in steamship terminal operations" (Warfel) 94-97.
 "Safety engineering is applied to shipbuilding" (Prouty) 35-40.
 "Safety from an operator's point of view" (Davison) 98.
 "Urgent need of organized safety, afloat and ashore" (Foisie) 57-62.
 Marine Section: Minutes, 2-99.
 Nominating Committee report, 29.
 Officers, 2; 29.
 Report of Chairman, 4.
 Report of Program Committee, 4.
 Report of Statistics Committee, 4.
 Marr, G. A.: "Inventive genius developed by ship safety committee work," 72-79.
 Masks: Burrell masks in hot weather, 187.
 Matson, F. W.: "Minnesota stop law," 804-808.
 Medical Supervision: Discussion, 373-378.
 "Health problem of the textile industry" (Knapp) 955-965.
 "Value of physical examinations in industry" (Robinson) 363-373.
 Meetings of Employees: Discussion, 441-445.
 Western Union Telegraph Company, 645-646.
 Metal Section: Chairmen's report, 102.
 Membership Committee report, 104-105.
 Minutes, 101-188.
 Nominating Committee report, 129.
 Officers, 101; 129.
 Program Committee report, 102.
 Report of Bulletin Committee, 103-104.
 Milk: Sold in plant, 137-138.
 Millard, Dr. J. S.: "Occupational affections of the skin in the rubber industry," 739-743.
 Milling Machines: Guard, 176; 178; 179-180.
 Mills, H. E.: "Holmes Safety Association," 207-209.
 Mine Cars: Guards on motor bumper, 292-293.
 Insulated coupling for mine cars, 294-295.
 Safety coupling for hoisting on slope, 294; 296.
 Safety coupling for man trips, 294-296.
 Safety handle for coupling cars, 297; 300.
 Swinging chute lip-closed position, 296; 299.
 Mines and Mining: "General safety in and about the mines" (McDowell) 282-291.
 "Holmes Safety Association" (Mills) 207-209.
 Interlocking door lock for heading air lock, 293-294.
 "Operating organization with a unified safety mind" (Yates) 304.
 "Syllabus on safety kinks in mining" (Forbes) 291-302.
 "Value of rock dusting as a safety measure in preventing coal mine explosions" (Jones) 256-260.
 (See also Blasting, Electricity, Mines.)
 Mines and Mining—Coal: "Safety practices in and about Alabama coal mines" (Davidson) 194-206.
 Mines and Mining—Metal: Grizzly for top of ore raises, 298; 302.
 "Methods of promoting safety interest at the Homestake mine" (Ross) 233-237.
 "Safe practices in blasting" (Hurter) 213-229.
 Safety lugs on ore cans, 297; 300.
 Mining Section: Committee to arrange for a paid secretary, 289-290.
 Discussion on a paid secretary, 242.
 Minutes, 189-305.
 Nominating Committee report, 241.
 Officers, 189; 241.
 Report of chairman, 193-194.
 Report of engineering representative of Mining Section, 192-193.
 Report of Membership Committee, 191-192.
 Report of Poster Committee, 190-191.
 Report of Program Committee, 190.
 Resolution, 300-301.
 Mitchell, F. W.: Discussion of Mr. Lewis' papers, 818-820.
 "Maritime safety," 70-72.
 Mixers—Cement: Guards, 731.
 Morgan, E. C.: "Fatal Accident," 587-589.
 Morris, F. E.: "Safety kinks in the leather working industry," 329-334.

- Moving Pictures in Safety Work: Discussion, 320.
 Discussion, 1001-1003.
 "Motion pictures as an aid in accident prevention work" (Northrup) 996-1001.
 Negroes: (See Colored Workmen.)
 New Employees: Discussion (Farris) 643-644.
 Examination and rejection, 970-971.
 In "Safety Education" (Smith) 683-684.
 Newcomb, F. L.: "Safety in connection with oil refinery processes," 421-426.
 No-Accident Campaigns: (See Campaigns.)
 Northrup, R. B.: "Motion pictures as an aid in accident prevention work" 996-1001.
 Oarter, J. A.: "Late Developments in safeguarding" (slides) 176-187.
 Oil Company Safety: Codes, 435-436.
 Dangers of open drain pits, 484.
 Discussion, 431-434.
 "Experience and prospect of safety in producing territory" (Wallace) 416-421.
 "Experience in some recent oil fires" (Prussing) 492-498.
 "Hydrogen sulphide poisoning in the Texas, Big Lake, Texas and McCamey, Texas oil fields (Forbes) 462-471.
 "Lowering the accident curve and maintaining interest in safety work" (Farrell) 475-482.
 "Safety in connection with oil refinery processes" (Newcomb) 421-426.
 "Safety instruction as a part of the sales personnel program" (Schofield) 446-449.
 "Safety methods and accomplishments in some Atlantic seaboard refineries" (Waddington) 449-457.
 Safety organization in drilling and producing fields, 430; 441; 442.
 Oil Handling: (See Tank Steamers.)
 Old Employees: Discussion, 392.
 Organization: "A. B. C. of paper mill safety organization" (Phillips) 357-360.
 "Applying safety organization to the small plant" (Kennedy) 361-363.
 "Every department head a safety director" (Schultz) 121-127.
 "General safety in and about the mines" (McDowell) 282-291.
 "How Safety can successfully be handled in a railroad shop" (Frey) 757-760.
 Oil industry, 438-439.
 "Organized accident prevention in Cotton mills" (Cook) 938-941.
 "Organizing for safety on the Pacific Coast" (Titus) 42-50.
 "Practical application of safety among leather workers" (Corey) 308-311.
 "Safety and plant mind (Gleason) 386-391.
 "Safety instruction as a part of the sales personnel program" (Schofield) 446-449.
 "Safety methods and accomplishments in some Atlantic seaboard refineries" (Waddington) 449-457.
 Packers' and Tanners' Section: Minutes, 307-352.
 Nominating Committee report, 329.
 Officers, 307; 329.
 Packing Industry: "No-accident campaigns" (Brainard) 336-346.
 Paper and Pulp Industry: "A. B. C. of paper mill safety organization" (Phillips) 357-360.
 "Applying safety organization to the small plant" (Kennedy) 361-363.
 Frequency or severity, 382-384.
 "Old and new in paper mill safety" (Jackson) 396-401.
 Text books, 393-394.
 Paper and Pulp Section: Delegates, 355-356.
 Joint meetings with woodworking section, 1037-1062.
 Minutes, 353-409.
 Nominating Committee report, 386.
 Officers, 353; 386.
 1927 Contest plan, 407.
 Regional conferences, 385.
 Report of officers and committees, 355-356.
 Report of Bulletin Committee, 356-357.
 Reward of cup and certificates, 402-409.
 Parks, F. W.: "Brake inspection and Maintenance," 859-863.
 Parvin, Victor: "What the superintendent can do to promote safety work," 786-790.
 Pay Envelopes: Discussion on enclosures, 392-393.
 Petroleum: (See Oil Company Safety.)
 Petroleum Section: Appointment of secretary, 500.
 Committees, 414-415.
 Discussion on resolution in connection with the attitude of Congress towards a larger appropriation for U. S. Bureau of Mines, 499.
 Minutes, 411-504.
 Motion for a committee to work for affiliation with A. P. I., 501-503.
 Nominating Committee Report, 473.
 Officers, 411-412; 473.
 Suggestions for next congress, 501-502.
 Phillips, D. G.: Report of Committee on Prevention of Highway Accidents, 763-764.
 Phillips, G. W.: "A. B. C. of paper mill safety organization," 357-360.
 Physical Examination of Employees: Discussion, 374.
 In "Health problem of the textile industry" (Knapp) 962.
 "Value of physical examinations in industry" (Robinson) 368-373.
 Physicians: Cooperating with plant publication editors, 516-519.
 On duty four hours each day, 375-376.
 Plant Publication Section: Committees, 547-548.
 Committees, 547-548.
 Contest, 545.
 Minutes, 505-561.
 Nominating Committee report, 532.
 Officers, 505.
 Report of Chairman, 505-506.
 Report of Membership Committee, 507.

- Report of Publicity Committee, 507.
 Report of Service Committee, 506-507.
 Resolutions, 546-547.
 Plant Publications: Charge rate, 554-556; 558.
 "Color in black and white" (Herr) 534-539.
 Discussion (Burton) 553-554.
 Discussion (Williams) 541-542.
 Discussion of Mr. Herr's paper (Tufts) 539-540.
 "Getting the most out of your magazine" (Vandercrook) 549-553.
 "Selling health to employees through the plant publications" (Sawyer) 508-512.
 Plant Visits: In "Organized accident prevention in cotton mills" (Cook) 939.
 Plate Shears: (See Shears.)
 Poems: "Daddy, please come back," 303.
 Poisoning: (See also Hydrogen sulphide.)
 Pollock, F. A.: Report of Program Committee, Mining Section, 190.
 Positive Side of Safety: "Positive and constructive thoughts on safety—or the fundamentals upon which safety is based and results accomplished by their application" (Howard) 107-120.
 Posters: (See Bulletins.)
 Power Houses: Discussion, 580-581.
 "Safeguarding of workmen during construction, alteration and installation of power house equipment" (Beardsley) 571-577.
 Prayer: 754.
 Pressure Vessels: Inspection of drums, 426-427.
 Prizes: Flags, 456.
 In "General Safety in and about the mines" (McDowell) 288.
 In "No-accident campaigns" (Brainard) 338-339.
 In "Stimulating and holding the interest of commercial driver organizations in the greater safety movement" (Graves) 916-917.
 Lapel buttons, 237.
 Reward of cup and certificates in paper industry, 402-409.
 Tri-State Zinc District flags, 305.
 Production: Connection between safety and production, 360.
 Prouty, R. E.: "Safety engineering is applied to shipbuilding," 35-40.
 Prussing, G. F.: "Experience in some recent oil fires," 492-498.
 Psychology: Freeing men's minds of outside worries, 166-167.
 "Selection and training of taxicab drivers" (Viteles) 894-903.
 Taxicab drivers tested, 903-908.
 Public Utilities: Discussion on fatal accidents, 590-592.
 "Employees on customers premises" (Keller) 585-587.
 "Fatal Accident" (Morgan) 587-589.
 "One way to keep from getting old" (Harmon) 582-584.
 "Ultimate course of accidents" (Dow) 660-668.
 (See also Power Houses.)
 Public Utilities Section: Joint session, Minutes, 659-672.
 Minutes, 563-658.
 Officers, 563-564; 593.
 Report of Chairman, 564-567.
 Report of Poster Committee, 569-570.
 Report of Nominating Committee, 593.
 Report of Publicity Committee, 568-569.
 Report of Secretary, 567.
 Pulp Industry: (See Paper and Pulp Industry.)
 Quarries: "Financial aspects of the safety movement in the crushed stone industry" (Goldbeck) 675-680.
 "First aid at quarries" (Thompson) 703-710.
 Ohio code, 680-681.
 (See also Explosives.)
 Quarry Section: Chairman's report, 674-675.
 Minutes, 673-710.
 Nominating Committee report, 710.
 Officers, 673; 710.
 Resolution of N. C. S. A., 674.
 Quesnel, E. G.: "Posters," 156-161.
 Report of Program Committee of Metal Section, 102.
 Quireck, M. A.: Report of Chairman of Poster Committee of Rubber Section, 715-716.
 Railroads: Address (Loree) 782-785.
 Address (McGonagle) 799-803.
 Brake stop on box cars, 828.
 "How Safety can successfully be handled in a railroad shop" (Frey) 757-760.
 Length of brake chains, 832.
 "Mechanical department and its relation to safety" (Silcox) 810-814.
 "Starting points" (Lewis) 815-818.
 "What the superintendents can do to promote safety work" (Parvin) 786-790.
 Railings: Coke-oven platforms, 182-185.
 Raymond, H. H.: "General observations on the subject of marine safety," 87-89.
 Reed, J. W.: Report of Membership Committee of Mining Section, 191-192.
 Refineries: (See Oil Company Safety.)
 Reid, H. L.: "Accidents in wood-working," 1030-1035.
 Relley, H. D.: "Marine risks from the life insurance standpoint," 20-25.
 Resolutions: Plant Publication resolutions, 546-547.
 Steam Railroad Section, 778-779; 821; 839.
 Supporting a large appropriation for U. S. Bureau of Mines, 300-301.
 Resuscitation: Experience with inhalator in electric cases, 597.
 In "First Aid at quarries" (Thompson) 709-710.
 Prone pressure, 559-600; 603; 605-606.
 Scientific investigations into physical change which takes place in body, 598-599.
 Robinson, F. A.: "Value of physical examinations in industry," 368-373.

- Rock Dusting: Discussion, 262.
 Health hazards, 264-265.
 "Values of rock dusting as a safety measure in preventing coal mine explosives" (Jones) 256-260.
 Rohweder, A. V.: Opening address at Steam Railroad Section, 754-756.
 Ross, A. J. M.: "Methods of promoting safety interest at the Homestake Mine," 233-237.
 Rowe, F. H.: Letters to foremen," 167-175.
 Rubber Industry: "Curing tires. In Report of Chairman of Engineering Committee," 736.
 Debeading machine, 732.
 Discussion about mill bars, 745.
 Mixing mills, 730.
 "Occupational affections of the skin in the rubber industry" (Millard) 739-743.
 Ply pickers on bias cutters, 730-731.
 "Safety kinks" (Cochran) 721-733.
 Tube heater, 722-723.
 Rubber Section: Minutes, 711-752.
 Nominating Committee report, 743.
 Officers, 711: 743.
 Report of Engineering Committee, 734-739.
 Report of Membership Committee, 713-714.
 Report of Poster Committee, 715-716.
 Report of Secretary, 712-713.
 Report of Vice-Chairman, 711.
 Rules: "Rule books" (Woltz) 164-166.
 Violation, 457-459.
 Violation in "Safety education" (Smith) 683-684.
 Safe Drivers' Schools: (See Automobile Driving.)
 Safeguarding: "Late developments" (Oartel) 176-187.
 (See also Guards.)
 Safety Movement: "Positive and constructive thoughts on safety—or the fundamentals upon which safety is based and results accomplished by their application (Howard) 107-120.
 Safety Movement—Progress: Address (McGonagle) 799-803.
 Address (Weston) 716-719.
 "Safety Thought" (White) 668-672.
 Sandel, J. M.: "Preventing accidents from flying shuttles," 972-977.
 Saws: "Accidents in woodworking" (Reid) 1030-1035.
 Carrying, 1047-1048.
 Saws—Under Swing: Discussion, 1023.
 Sawyer, Dr. W. A.: "Selling health to employees through the plant publication," 508-512.
 Schneider, W. L.: Report of secretary of Rubber Section, 712-713.
 Schofield, F. A.: "Safety instruction as a part of the sales personnel program, 446-449.
 Schools, Safety Work with: "Trip across the Mesaba" (Telford) 265-266.
 Work of Education Division, N. S. C., 267-268.
 Schultz, H. A.: "Every department head a safety director," 121-127.
 Scott, C. B.: In defense of safety work, 650-654.
 Scott, I. L.: Discussion of Mr. Kellevang's paper, 628-632.
 "Selling Safety to the worker" (Kroes) 313-317.
 Senne, E. J.: Opening address at Petroleum Section, 412-414.
 Shaper: In "Accidents in woodworking" (Reid) 1034.
 Shapiro, Dr. David: "Practical suggestions for effective first aid," 1024-1030.
 Shedd: Modern Plate Shears, 179-180; 182.
 Shedd, L. F.: Innovation at Steam Railroad Section, 754.
 Sheridan Presses: (See Embossing presses.)
 Sherman, R. B.: Report of Chairman of Statistical Committee of Textile Section, 954.
 Shipbuilding: "Safety engineering is applied to shipbuilding" (Prouty) 35-40.
 Showers: Near dipping tanks, 721.
 Shuttles: Discussion, 976-978.
 "Preventing accidents from flying shuttles" (Sandel) 972-976.
 Signs: Positive signs, 127.
 Silcox, L. K.: "Mechanical department and its relation to safety" 810-814.
 Skin Diseases: Age and race susceptibility, 744-745.
 In "Health problem of the textile industry" (Knapp) 959.
 "Occupational affections of the skin in the rubber industry" (Millard) 739-743.
 Workers handling wet silk, 965.
 Skiver: (See Tube Skiver.)
 Slab Holder: Adjusted to hold various thicknesses of slab, 181; 186.
 Slides: "Late developments in safeguarding" (Oartel) 176-187.
 Slogan: In "Light trucking" (Herman) 866-888.
 Smith, A. J.: "Protection and indemnity insurance in the U. S., 64-69.
 Smith, W. F.: "Safety Education," 682-684.
 Solensten, R. T.: Discussion of Mr. Gans' paper, 526-531.
 Speedometers: (See Automobile Driving.)
 Steam Railroad Section: Bulletin Committee report, 762.
 Chairman's report, 754-756.
 Membership Committee report, 761-762.
 Minutes, 753-814.
 Nominating Committee report, 766.
 Officers, 753-754; 766.
 Report of Committee on Prevention of Highway Accidents, 763-764.
 Report of Committee on Public Relations, 765-766.
 Report of Committee on Statistics (Carrow) 773-778.
 Report of Secretary, 760-761.
 Resolutions, 821; 839.
 Resolutions Committee report, 778-779.
 Steam Railroads: (See Railroads.)
 Steamboat Inspection Service: "Essentials of maritime safety" (Hoover) 5-11.
 Steamship: (See Marine Hazard Tank Steamers.)
 Steel Industry: (See Iron and Steel Industry.)

- Stevedoring: (See Marine Hazards.)
 Sub-Stations: "Substation accident" (Gillette) 584-585.
 Sulphide: (See Hydrogen Sulphide.)
 Surgeons: "Surgeon's viewpoint on returning men to service" (Hartman) 791-793.
 Sweeney, S. F. C.: "Generous co-operation a necessity for progress of the safety movement in the stevedoring industry" 25-28.
 Switches: In "Electrical hazards in the steel industry" (Cramer) 143.
 Sword: To open sheet "stickers," 180; 183.
 Tanks: Gas tank carrier, 180; 183.
 Tank Steamers: "Accident prevention on tank steamships" (Tode) 29-32.
 Tanners: (See Packers and Tanners.)
 Tanning Industry: "Practical application of safety among leather workers" (Corey) 308-311.
 (See also Leather Industry.)
 Taxicab and Fleet-Owners' Section: Minutes, 845-921.
 Officers, 845; 871.
 Report of Nominating Committee, 871.
 Report of Poster Committee, 845-847.
 Taxicabs: (See Automobile Driving.)
 Telford, Marion: School safety, 265-266.
 Telephone Industry: "Accident prevention work in the Michigan Bell Telephone Company" (Gardner) 639-642.
 Hazards of employees riding on trucks, 655.
 Textile Industry: Health problems of the textile industry" (Knapp) 955-965.
 "How unusual results were accomplished by a group safety campaign" (MacBrayne) 947-950.
 "Keystone of textile safety" (Griffith) 926-922.
 "Minimum requirements for safety in woolen mills" (MacNulty), 979-985.
 "Preventing accidents from flying shuttles" (Sandel) 972-976.
 (See also Cotton Mills: Woolen Mills.)
 Textile Section: Minutes, 922-986.
 Officers, 922.
 Report of Poster Committee, 924.
 Report of Publicity Committee, 925-926.
 Report of Statistical Committee, 954.
 Thompson, Jay: "First aid at quarries," 703-710.
 Titus, N. F.: "Organizing for safety on the Pacific Coast," 42-50.
 Tode, A. M.: "Accident prevention on tank steamships," 29-32.
 Toe Guards: (See Feet, Injuries.)
 Transportation: (See Handling Materials.)
 Trucks: Guard for four-wheel truck wheels, 312.
 Truett, J. H.: "Community safe driving schools," 910-912.
 Tube Skiver: Guard, 724.
 Tufts, B. B.: Discussion of Mr. Herr's paper, 539-540.
 United States Navy: "Navy's contribution to safety at sea" (Benson) 12-18.
 Van Brunt, A. J.: "Accident prevention in the gas industry," 593-595.
 Vandercook, D. C.: "Getting the most out of your magazine," 549-553.
 Ventilation: In "Safety practices in and about Alabama coal mines" (Davidson) 197-198.
 Viteles, M. S.: "Selection and training of taxicab drivers," 894-903.
 Vocational Training: "Positive and constructive thoughts on safety or the fundamentals upon which safety is based and results accomplished by their application" (Howard) 114.
 Voss, J. A.: "Contests," 152-154.
 Waddington, T. W.: "Safety methods and accomplishments in some Atlantic seaboard refineries," 449-457.
 Wallace, D. J.: "Experience and prospect of safety in producing territory," 416-421.
 Warfel, A. C.: "Safe practices in steamship terminal operations," 94-97.
 Washburn, H. C.: Report of Poster Committee of Textile Section, 924.
 Webb, H. F.: Report of chairman of Publicity Committee of Public Utilities Section, 568-569.
 Welfare Work: Discussion of Mr. Jones' paper (Carrow) 773-778.
 "Welfare as applied to safety" (Jones) 766-773.
 Weston, J. C.: Address, 716-719.
 White, A. R.: "Woods as a problem in overhead," 1049-1055.
 White, H. C.: "Safety thought," 668-672.
 Williams, Whiting: Plant publications, 541-542.
 Wollner, W. S.: "Accident prevention work in passenger automobile and freight ferry service," 89-94.
 Woltz, J. M.: "Rule books," 164-166.
 Women in Industry: "Minimum requirements for safety in woolen mills" (MacNulty) 983-984.
 Woodworking Industries: "Accidents in woodworking" (Reid) 1020-1035.
 Discussions of Mr. Fuller's paper (Keown) 1021-1024.
 "Where accidents occur in the woodworking industry" (Fuller) 1010-1019.
 (See also Jointers: Saws; Shapers.)
 Woodworking Sections: Joint meeting with Paper and Pulp Section, 1037-1062.
 Minutes, 987-1036.
 Nominating Committee report, 1019.
 Officers, 987; 1019.
 Woolen Mills: "Minimum requirements for safety in woolen mills" (MacNulty) 979-985.
 Workmen, Injured: "Surgeon's viewpoint on returning men to service" (Hartman) 751-793.
 Works Committees: (See Employees' Representation.)
 Wright, W. C.: "Safety ding foundry hazards," 130-132.
 Yates, V. C.: "Operating organization with a unified safety mind," 304.
 Yates, B. C.: Report of Chairman of Mining Section, 193-194.
 Ziegler, N. V. B.: "Committees," 163-164.

INDEX

VOLUME III

- Accident Reports, see Report Forms.
 Accident Statistics:
 "How accidents happen" (Dublin), 19-27.
 How motor vehicle accidents occur. In "How accidents happen" (Dublin), 25-26.
 Accidents—Costs: "What do home accidents cost the nation" (Kopf), 168-174.
 "Agricultural states, Practical law for" (Skeel), 68-74.
 Automobile Driving:
 Drivers' license law, 67-99.
 Drivers' license laws, 75-81.
 "Drivers' licenses and examination laws" (Fenner), 81-86.
 "Farmers' viewpoint" (Palmer), 90-95.
 "Practical law for an agricultural state" (Skeel), 68-74.
 Psychological tests, 86.
 "Safety—a necessity of the motor age" (Haynes), 4-12.
 States that require a drivers' license.
 Bartlett, C. L.:
 Talk to junior representatives, 194-196.
 "What are laws for?" 28-31.
 Children, Safety Work With:
 Junior Safety Council representatives, 193-199.
 St. Paul Junior police, 119-120.
 See also Junior Safety Councils:
 Schools; Safety Work in.
 Citizenship: "Safety education and citizenship" (Scott), 12-19.
 City Officials: Police and city officials session, 101-125.
 Classification of Causes of Accidents: "How accidents happen" (Dublin), 19-27.
 Collins, M. A.: Chicago traffic survey, 102.
 Compulsory Insurance, see Insurance, Compulsory.
 Connecticut Department of Motor Vehicles: Organization. In "Administration of a motor vehicle law" (Stoeckel), 41.
 Corn, E. W.: "Most accidents occur in homes of poorly housed," 189-191.
 Davidson, Dr. S. G.: "Handling accident cases in the hospital, 178-181.
 Drivers' License, see Automobile Driving.
 Dublin, Dr. L. I.: "How accidents happen," 19-27.
 Education: "Safety education and citizenship" (Scott), 12-19.
 Education Division: "Public safety, and education," 3-37.
 Examination of Automobile Drivers, see Automobile Driving.
 Eynon, B. G.: "Relation of state and city departments in administration of motor vehicle laws," 49-53.
 "Farmers' viewpoint" (Palmer), 90-95.
 Fenner, D. C.: "Driver licenses and examination laws," 81-86.
 Fire Prevention: "Home fires and their causes" (Mendelsohn), 185-187.
 Grade Crossings: "Minnesota stop crossing law," 59-60.
 Haynes, F. J.: "Safety—a necessity of the motor age," 4-12.
 Headlights: "Headlight regulations and enforcement" (Hunt), 63-65.
 Health: Center of information upon employees' health, 181-182.
 Hill, C. E.: "Safety as a community problem," 30-37.
 Home Safety:
 Discussion, 191-192.
 "Handling accident cases in the hospital" (Davidson), 178-181.
 "Home fires and their causes" (Mendelsohn), 185-187.
 Kansas City campaign, 188-189.
 "Most accidents occur in homes of poorly housed" (Corn), 189-191.
 "What accidents mean to the family" (Lapp), 174-178.
 "What do home accidents cost the nation?" (Kopf), 168-174.
 Women help to make better home safety, 183-184.
 Home Safety Session, 167-192.
 Hospitals: "Handling accident cases in the hospital" (Davidson), 178-181.
 "How accidents happen" (Dublin), 19-27.
 Hunt, J. H.: "Headlight regulations and enforcement," 63-65.
 Insurance, Compulsory:
 Discussion, 15-17.
 In "Administration of a motor vehicle law" (Stoeckel), 46-47.
 Junior police, see Police.
 Junior Safety Councils: Session, 201-202.
 Junior Safety Council Representatives, Session, 193-199.
 Kopf, E. W.: "What do home accidents cost the nation?" 168-174.
 Lapp, Dr. J. A.: "What accidents mean to the family," 174-178.
 Laws:
 "What are laws for?" (Bartlett), 28-31.
 See also Traffic Laws.
 Left Hand Turns: Discussion, 148.
 License laws, see Traffic laws.
 McClintock, Miller, "How to make a community traffic survey," 138-146.
 McIlraith, E. J.: "Recent developments in traffic signals," 131-137.
 Marsh, B. W.: "Organizing for the city traffic problem," 150-162.
 Mendelsohn, P.: "Home fires and their causes," 185-187.
 Missouri Association for Street and Highway Safety: Organization, 60.
 Motor Vehicle Laws, see Traffic laws.

- O'Neill, W. F.: "Practical system for reporting and tabulating accidents," 102-106.
- Ordinances, see Traffic laws.
- Palmer, L. B.: "Farmers' viewpoint," 90-95.
- Pedestrians: Discussion, 149-150.
- Police and City Officials' Session: Minutes 101-125.
- Police Departments: Discussion, 111-114.
- Junior police, 98.
- Junior police in St. Paul, 122.
- Powell, W. B.: "Traffic control by signal lights," 127-130.
- Public Safety: "How to make a community traffic survey" (McClintock), 138-146.
- "Safety as a community problem," (Hill), 30-37.
- Public Safety Division: Minutes, 3-202.
- Report of Committee on Public Accidents, 19-27.
- Report Form—Public: Accident reporting card (Robb), 106-109.
- "Practical system for reporting and tabulating accidents" (O'Neill), 102-106.
- Rewards: Presentation to children (Van Schoick), 197-198.
- Robb, C. E.: Accident reporting card, 106-109.
- Rounds, H. O.: "Uniform city ordinances and regulations," 115-119.
- Schools—Safety Work in: "Safety education and citizenship" (Scott), 12-19.
- School safety and junior safety councils, 201-202.
- See also Children, Safety Work with: Junior Safety Councils.
- Scott, Dr. Z. E.: "Safety education and citizenship," 12-19.
- Signals—Traffic: Automatic signal system and complaints of merchants, 147-148.
- Discussion, 149-150.
- Progressive signals, 138.
- "Recent developments in traffic signals" (McIlraith), 131-137.
- "Traffic control by signal lights" (Powell), 127-130.
- Vary traffic speed from block to block, 137.
- Signs: St. Paul stop signs, 120.
- Skeel, L. F.: "Practical law for an agricultural state," 68-74.
- Speed: Automatic speed registering devices in Europe, 124.
- State Officials Session: Minutes, 39-65.
- States: Progress of year in state legislation and safety organization, 54-62.
- Stevenson, Idabella, Greetings from N. S. C., 195.
- Stoeckel, R. B.: "Administration of a motor vehicle law," 40-48.
- Surveys, see Traffic Surveys.
- Taxation of Motor Vehicles: In "Administration of a motor vehicle law" (Stoeckel), 42-44.
- Tests for Automobile Driving, see Automobile Driving.
- Texas Council of Safety: Program 62-63.
- Traffic: Automatic signal system and complaints of merchants, 147-148.
- Comparison in organization form in Pittsburgh, Detroit, Washington and Buffalo, 159-162.
- "How to make a community traffic survey" (McClintock), 138-146.
- "Organizing for the city traffic problem" (Marsh), 150-162.
- South American traffic, 87-88.
- "Traffic control by signal lights" (Powell), 127-130.
- Traffic Laws: "Administration of a motor vehicle law" (Stoeckel), 40-48.
- "Practical law for an agricultural state" (Skeel), 68-74.
- Progress of year in state legislation, 54-62.
- "Relation of state and city departments in administration of motor vehicle laws" (Eynon), 49-53.
- "Uniform city ordinances and regulations" (Rounds), 115-119.
- Traffic, see also Signals, Traffic.
- Traffic Regulation and control Session, 127-165.
- Traffic Surveys: "How to make a community traffic survey" (McClintock), 138-146.
- Uniform City Ordinances, see Traffic Laws.
- Van Schoick, L. J.: Presentations to children, 197-198.
- "What are laws for?" (Bartlett), 28-31.
- Women's Activities: Paterson women interested in safety work, 187-188.
- Women help to make better home safety, 185-188.