

Steel Mills Division, Group B and C—Youngstown Sheet and Tube Company, South Chicago Works, Chicago, Illinois, 1,198,735 man-hours, 1 injury.

Rolling, Finishing & Fabricating Division, Group A—The Chase Brass and Copper Company, Cleveland, Ohio, 2,245,286 man-hours, 5 injuries.

Rolling, Finishing & Fabricating Division, Group B—Six tied for first place—Revere Copper and Brass, Inc., Baltimore Division, Baltimore, Md., 1,042,599 man-hours, no injuries; Central Tube Company, Ambridge, Penn., 1,037,084 man-hours, no injuries; Continental Steel Corporation, Chapman Price Division, Indianapolis, Indiana, 833,146 man-hours, no injuries; Republic Steel Corporation, Grand Crossing Plant, Chicago, Illinois, 603,234 man-hours, no injuries; Union Drawn Steel Company, Beaver Falls, Penn., 443,363 man-hours, no injuries; Lehigh Structural Steel Co., Allentown, Penn., 319,353 man-hours, no injuries.

Foundries Division—Three tied for first place—Lycorning Manufacturing Company, Plants Nos. 2 and 3, Williams-

port, Penn., 669,449 man-hours, no injuries; Haynes Stellite Co., Kokomo, Ind., 481,481 man-hours, no injuries; American Rolling Mill Co., Sixth Street Foundry, Ashland, Ky., 142,948 man-hours, no injuries.

Heavy Machine Shops Division, Group A—Lycorning Manufacturing Company, Plant No. 1, Williamsport, Penn., 1,842,474 man-hours, no injuries.

Heavy Machine Shops Division, Group B—Three tied for first place—C. Hager & Sons Hinge Manufacturing Company, St. Louis, Mo., 805,007 man-hours, no injuries; D & B Pump and Supply Company, Los Angeles, California, 208,253 man-hours, no injuries; Noerz Manufacturing Co., Waterbury, Conn., 214,792 man-hours, no injuries.

Light Machine Shop Division—Three tied for first place—Western Clock Company, La Salle, Ill., 5,309,320 man-hours, no injuries; Ilg Electric Ventilating Company, Chicago, Ill., 370,222 man-hours, no injuries; Tite-Flex Metal Hose Company, Newark, New Jersey, 146,536 man-hours, no injuries.

New Developments in Safeguarding

By JOHN A. OARTEL

Safety Director, Carnegie-Illinois Steel Corp., Pittsburgh, Pa.

Safety films assembled by Mr. Oartel during the past year were presented as film strips, 56 views being shown.

The first strip dealt with prevention of falling of material; with good housekeeping; piling and storage; keeping loose material from crane runways and other elevated places; and similar safe practices. It included 30 views reproduced from photographs which originally appeared in the National Safety News during the past year.

The second strip illustrated new devel-

opments in safeguarding and ways of promoting safety. It included 13 views taken in the Ohio and Chicago District plants of the Carnegie-Illinois Steel Corporation and 13 photos received from other companies, including the Ashland and Ruler Divisions of the American Rolling Mill Company; the Duluth Works of the American Steel & Wire Company; the Republic Steel Corporation; the Ford Motor Company; the National Tube Company; and the Pittsburgh Limestone Company.

The Thursday session closed with a round-table discussion, "Your Hour," led by H. J. Griffith, Jones & Laughlin Steel

Corp., in the absence of T. H. McKenney, past general chairman of the section, who was unable to attend.

ADJOURNMENT

Mining Section

Officers 1935-36

General Chairman—J. W. ALT, Calumet & Hecla Consolidated Copper Co., Calumet, Mich.
Vice-Chairman in Charge of Membership—C. W. GIBBS, Harwick Coal and Coke Co., Pittsburgh, Pa.

Vice-Chairman in Charge of Engineering—C. J. BARRETT, Oliver Iron Mining Co., Duluth, Minn.

Vice-Chairman in Charge of Health—LEE LONG, Clinchfield Coal Corp., Dante, Va.

Secretary—DANIEL HARRINGTON, United States Bureau of Mines, Washington, D. C.

Entertainment Committee Chairman—WM. G. METZGER, Hudson Coal Co., Scranton, Pa.

Program Committee Chairman—R. N. HOSLER, Coal Mine Section, Pennsylvania Compensation Rating and Inspection Bureau, Harrisburg, Pa.

Poster and Slide Committee Chairman—J. J. FORBES, United States Bureau of Mines, Pittsburgh, Pa.

Publicity Committee Chairman—M. R. BUDG, The Explosives Engineer, Wilmington, Del.
Statistics Committee Chairman—W. W. ADAMS, United States Bureau of Mines, Washington, D. C.

Members at Large—

P. M. ARTHUR, American Zinc Co. of Tennessee, Mascot, Tenn.

JOHN L. BOARDMAN, Anaconda Copper Mining Co., Butte, Mont.

ANGUS D. CAMPBELL, McIntyre Porcupine Mines, Ltd., Schumacher, Ont., Canada.

W. H. COMINS, National Pigments and Chemical Co., Potosi, Mo.

THOMAS E. LIGHTFOOT, Koppers Coal Co., Pittsburgh, Pa.

GEORGE MARTINSON, Pickands Mather & Co., Cleveland, Ohio.

D. D. MOFFAT, Utah Copper Co., Salt Lake City, Utah.

V. O. MURRAY, The Union Pacific Coal Co., Rock Springs, Wyo.

R. B. PAUL, New Jersey Zinc Co., New York, N. Y.

L. T. SICKS, St. Joseph Lead Co., Bonne Terre, Mo.

Officers Elected for 1936-37

General Chairman—C. W. GIBBS, Harwick Coal and Coke Co., Pittsburgh, Pa.

Vice-Chairman in Charge of Engineering—G. J. BARRETT, U. S. Steel Corporation Subsidiaries, Duluth, Minn.

Vice-Chairman in Charge of Health—LEE LONG, Clinchfield Coal Corp., Dante, Va.

Vice-Chairman in Charge of Membership—ANGUS D. CAMPBELL, McIntyre Porcupine Mines, Ltd., Schumacher, Ont., Canada.

Secretary and News Letter Editor—DANIEL HARRINGTON, United States Bureau of Mines, Washington, D. C.

Poster and Slide Committee Chairman—J. J. FORBES, United States Bureau of Mines, Pittsburgh, Pa.