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ment slip for the job for which the applicant is slated, and if he finds that it does not fit the applicant's physical qualifications, he contacts the interviewer who made the assignment and a change is worked out. Criteria for placement have been established by the medical director, who first learned as much as he could about what each job in the yard entailed and then outlined the physical requirements with the aid of the heads of the various departments concerned, the safety director and the personnel director. The examining physician spends one afternoon a week on the yard familiarizing himself with operations and checking up on the performance of handicapped individuals.

The results of 12,784 preplacement examinations have been tabulated as follows:

Total number of pre-employment examinations	12,784
Number in Classes 1 and 2	11,287 or 88.3%
Number in Class 3	716 or 5.6%
Number in Class 4	81 or 0.6%
The number of Class 4 cases in the last 2,463 exams	12 or 0.4%

It has been said that we know enough to make every job safe, healthful and more productive. Our problem is to apply this knowledge. The working relationship between the Georgia Department of Public Health and the Maritime Commission has been developed as a tool. We believe it to be a useful implement for better conservation of the lives and health of our shipyard workers. The way it has worked is evidence of accomplishments which can be anticipated from coordination of

efforts of all agencies concerned such as the Maritime Commission, the U. S. Public Health Service, the Labor Department, the Food Distribution Administration, and the State Health Department. The Georgia Department of Public Health welcomes the assistance and cooperation of all federal and other related agencies in carrying out a comprehensive industrial health program in all of the war industries of our state.

References

1. "Employability of the Physically Handicapped." Paper read by W. S. Warren, Director, Pennsylvania State Bureau of Rehabilitation, 84th Annual Meeting Industrial Hygiene Foundation, held at Mellon Institute, Pittsburgh, November 12, 1941; Published in Proceedings of the Meeting.
2. Personal interview with Mr. C. L. Dancow, Medical Assistant & Industrial Hygienist, Atlanta, Georgia.
3. "Proposed Industrial Health Program for Southern Railway Building Corporation." Prepared by the Georgia Department of Public Health, June 8, 1943.
4. Personal interview with Mr. George T. Wainwright, Associate Manager, Hartford Accident & Indemnity Company, New York City.
5. Personal interview and communication with Mr. Robert C. Henson, Jr., Maritime Commission, Washington, D. C.
6. Personal communication.
7. "The Health and Safety Program of the U. S. Maritime Commission." By Robert Henson, Jr., M.D., J.A.M.A., 127:151, 293-295, March 25, 1943.
8. "Minimum Requirements for Safety and Industrial Health in Contract Shipyards." United States Navy-Maritime Commission, U. S. Government Printing Office, Washington, D. C.
9. "Minimum Requirements for Safety and Industrial Health in Contract Shipyards." Industrial Hygiene, 15: 1, 223, April, 1942.
10. "Health Services Available to Industry in Georgia." Paper read by Lucius M. Farrow, at Georgia Industrial Health Institute, March 11, 1943. To be published in J.A.M.A., Georgia.
11. "Medical Conservation of Manpower is a Subject." Paper read by R. L. Brown, M.D., Medical Director, J. A. Jones Construction Company, Inc., Brunswick, Georgia, at the Nineteenth Annual Session of the Medical Association of Georgia, Atlanta, May 11, 1943. To be published in the J.A.M.A., Georgia.

American Industrial Hygiene Association News of Local Sections

Metropolitan New York Section

Members of this section were held on May 19 and June 13. At the former meeting, Dr. Eugene F. DuBois, Professor of Physiology, Cornell University Medical College discussed the subject "The Effects of Extreme Heat and Humidity on Work Capacity." Dr. DuBois demonstrated the human calorimeter and other instruments which give precise measurements of body temperature and radiation. He discussed internal temperature ranges between 36-42° C, with a secondary heat regulatory mechanism beginning at 40.5° C. He pointed out factors which influence internal temperature as derived from his experiments on many human subjects. The human body gives off heat in the infrared region. The human skin is a nearly perfect absorber, therefore radiation experiments are accurate for skin temperature. The environmental factors which make up the comfort zone were explained, and it was stressed that there is no one body temperature, for wide variations occur in rectal, mouth, skin, hand, foot and head temperatures. The blood flow in the skin is a secondary regulation control mechanism. Dr. DuBois also stated that in moist hot atmospheres body heat production increases, but that body heat loss cannot increase, therefore a high storage of heat results which predisposes heat cases. These basic factors on the effects of extreme heat and humidity are valuable information

relative to industrial workers in high external temperature environments.

At the June meeting Dr. A. G. Cranch and Mr. F. A. Parry reviewed the Annual Meeting of the Association held in Rochester.

Michigan Section

The Sixth Annual Meeting of the Michigan Industrial Hygiene Society was held on June 2 in Detroit. Following the business meeting a number of industrial hygiene subjects were presented.

"Fluoride Exposures in Industry" were discussed by Gordon C. Harrold, Ph.D., Industrial Hygienist, Industrial Hygiene Laboratories, Chrysler Corporation. The observations of the Chrysler Industrial Hygiene Laboratories were given together with a report of material presented on this subject at the Rochester Conference of the American Industrial Hygiene Association.

"Review of Health Hazards of Common Industrial Solvents" was the subject of William G. Fredrick, Sc.D., Chief Chemist, Bureau of Industrial Hygiene, Detroit Department of Health. Some of the current production problems involving such materials were included in his talk.

"Magnesium in Industry" with specific references to magnesium burns, was discussed by Frank J. Jarayna, M.D., Medical Director, Bohn Aluminum and Brass Corporation. Dr. Jar-

ayna has studied the magnesium exposures in his industry for some time and presented the first of a series of papers on the industrial hygiene problems in manufacturing magnesium products. His discussion was illustrated with lantern slides in color. (See page 427.)

Chicago Section

"Industrial Hygiene and Occupational Disease Compensation" was the subject of the April 23 meeting. Compensation aspects of Occupational Diseases were discussed by Alfred J. Bursk, Chairman, Illinois Industrial Commission. Legal phases of Occupational Disease Compensation were presented by Frank E. Peregrino, Attorney. Dr. C. O. Rappington talked on Medical Phases of Occupational Diseases. The annual business meeting of this section was held on June 19. The new officers are Chairman, Joseph H. Chivers, M.D., Crane Co.; Vice-Chairman, John B. Littlefield, American Brake Shoe; Secretary-Treasurer, Warren A. Cook, Zurich Insurance Company. The new members elected to the Executive Committee were James R. Allen, International Harvester Company; Kenneth M. Moran, Illinois State Department of Public Health; Leslie Hobbs, Illinois State Department of Labor; and Charles Wynnan, Western Electric Company. Other members of the Executive Committee whose terms of office carry over to the coming year are Clark D. Bridges, National Safety Council; Harvey G. Hunsel, Youngstown Sheet & Tube Company; A. G. Kammer, M.D., Inland Steel Company; Carl

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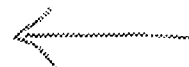
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the subject of the April 22 meeting.
Compensation aspects of Occupational
Diseases were discussed by Alfred J.
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ney. Dr. C. O. Sappington talked on
Medicolegal Phases of Occupational
Diseases. The annual business meeting
of this section was held on June 10.
The new officers are Chairman, Joseph
H. Chivers, M.D., Crane Co.; Vice-
Chairman, John B. Littlefield, Amer-
ican Brake Shoe; Secretary-Treasurer,
Warren A. Cook, Zurich Insurance
Companies. The new members elected
to the Executive Committee were
James R. Allan, International Har-
vester Company, Kenneth M. Morse,
Illinois State Department of Public
Health, Leslie Stokes, Illinois State
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Other members of the Executive Com-
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