

Foreword

THE Transactions of the 29th National Safety Congress and Exposition of the National Safety Council, October 7-11, 1940, are published in two volumes. Volume I contains the General Sessions and the meetings of the various Industrial Sections of the Council. Volume II contains the Street and Highway Traffic, the Commercial Vehicle, the Trench, the Child Education and the Home Safety Sections.

Volume I is distributed automatically to all industrial members of the Council. Volume II is sent to members who are believed to be interested chiefly in the sections it contains. However, other members of the Council may obtain Volume II upon request.

Many Council members have found it advantageous to distribute copies of the Transactions Volumes to the individual executives, foremen and supervisors of their organizations, who make use of the practical safety information the volumes contain to organize accident prevention programs. The volumes contain a vast amount of standard reference material. Extra copies of the Transactions may be obtained as follows: Volume I, one to 10 copies at \$2 each; 11 or more copies \$1.75 each. Extra copies of Volume II may be had at 75 cents each.

THE Transactions are a condensed record of the proceedings of the Congress. The papers and addresses and many of the discussions have been edited to delete extraneous matter, abbreviate the less important portions, and compress these parts of particular usefulness in promoting effective safety organization and other accident prevention measures. The volumes are, therefore, a somewhat abridged version, compact, practical, and of particular value to the engineer, the supervisor and the executive in achieving more thorough accident prevention success. The original manuscripts are available for additional reference, if desired, in the files of the National Safety Council.

THE National Safety Council, at its Congresses, seeks to eliminate from discussion matters which are not pertinent to the aims of the Congress or which may be contrary to the Council's policies. However, it cannot accept responsibility for all the views expressed either in the papers presented or in the discussions based upon these papers.

NATIONAL SAFETY COUNCIL, Inc.
20 North Wacker Drive
Chicago, Illinois

Contents

Council Officers and Directors.....	4
Council Purposes and Program.....	9
Annual Meeting of Members.....	11
Annual Banquet.....	27
General Subject Sessions—	
Agricultural Safety.....	29
Building Maintenance.....	41
Eye Protection.....	63
Fire Control and Prevention.....	79
Fundamental Causes of Accidents.....	91
Governmental Safety Service in Industry.....	107
Health Service in Industry.....	119
Industrial Nursing.....	129
Maintaining Interest in Safety.....	151
Occupational Disease.....	165
On-the-Job Accidents.....	183
Plant Transportation.....	197
Psychology and Safety (Early Morning Classes).....	209
Safety Belts.....	245
Safety Supervisors.....	253
Safety Training.....	261
Visual Education.....	277
Automotive Section.....	293
A.S.S.E.—Engineering Section.....	291
Automotive and Machine Shop Section.....	305
Cement and Quarry Section.....	319
Chemical Section.....	327
Construction Section.....	353
Food Section.....	375
Marine Section.....	397
Meat Packing, Tanning and Leather Industries Section.....	427
Minerals Section.....	445
Mining Section.....	497
Paper and Pulp Section.....	549
Petroleum Section.....	591
Power Press Section.....	625
Public Utilities Section.....	615
Refrigeration Section.....	659
Rubber Section.....	671
Steam Railroad Section.....	697
Textile Section.....	729
Wood Products Section.....	739
Safety Exposition Exhibitors.....	743
Index.....	749