

**Current Safety Topics in the
METALS INDUSTRY** *(Continued from cover)*

Model Crane for Demonstration of All Hoist Functions (L. L. Quinlan)	26
Crane Maintenance Safety (Rudolf Wheatley)	26
Safety in the Non-Ferrous Metals Industry (Charles L. Rienzo)	30
Safe Practices in Melting and Casting Non-Ferrous Metals (Clyde R. St. John)	31

The Big Picture . . .

What's the big picture in the field of safety?

Each edition of the National Safety Congress Transactions is a comprehensive collection of the ideas and experiences of many of the country's top safety men. These ideas and experiences form the big picture.

In the pages of the Transactions may be found new methods, new devices, answers to both old and new problems, and suggested improvements of some of our standard safety procedures. Progressive safety people everywhere have found the contents of the Transactions to be useful in their accident prevention programs.

The Congress Transactions are published in volumes, each covering a phase of the safety picture, along with a General Sessions and Detailed Index to all volumes. The 30 volumes of the 1954 Congress Transactions are listed on the last page of this volume.

In preparing these Transactions, the proceedings of the Congress have been condensed and edited for reference purposes. Complete original manuscripts, with any charts or illustrations which were used, are available in National Safety Council files. Views expressed at the Congress or in this record are those of the Congress participants and are not necessarily those of the National Safety Council.

THE METALS SECTION

This volume is a record of the sessions held at the 1954 National Safety Congress by the Metals Section. The conduct of these Congress sessions each year is only one of the many cooperative activities which the Metals Section carries on in behalf of its members, and for the benefit of accident prevention work in the metals industry generally. The Section gives guidance in the preparation of a great variety of technical and educational material used in the day-to-day safety programs of metals plants. The activities of the Section are under the direction of its Executive Committee, the members of which are listed at the close of this volume.