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CRANES

MOBILE, TOWER AND DERRICK—SELECTION AND OPERATION

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The following interests were represented on the committee responsible for the preparation of this standard:

Aluminium Development Council

Association of Consulting Engineers, Australia

Australian Institute of Building

Bureau of Steel Manufacturers of Australia

Confederation of Australian Industry

Construction Equipment Importers and Manufacturers of Australia

Department of Construction

Department of Defence

Department of Industrial Affairs and Employment, South Australia

Department of Industrial Relations, N.S.W.

Department of Labour and Industry, Tasmania

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Department of Labour and Industry, Western Australia

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AS 2550—1982

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PREFACE

This standard was prepared by the Association's Committee on Cranes as part of the general revision and metrication of AS CB2—1960, SAA Crane and Hoist Code, which has been largely superseded by the various Parts of AS 1418, SAA Crane Code. This present standard incorporates Sections 22 and 23 of AS 1418, Part 1—1977 and material from BS:CP3010, Safe Use of Cranes (Mobile Cranes, Tower Cranes and Derrick Cranes). Acknowledgement is made of the assistance obtained from CP3010.

Preparation of this standard was prompted by the fact that cranes were being employed in an ever-widening variety of job applications and environmental conditions, together with the introduction of novel designs of cranes offering technical sophistication, increased capacities and new extremes of operating range.

The aims of the standard are therefore—

(a) to describe the principal characteristics and applications of the various forms of cranes of the types most commonly used;

(b) to draw attention to some of the more common hazards and potential dangers which may be encountered in their use; and

(c) to specify general precautions to be taken and operational procedures to be followed.

A list of statutory authorities is given in Appendix D.

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