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## CRANES MOBILE, TOWER AND DERRICK— SELECTION AND OPERATION



**STANDARDS ASSOCIATION OF AUSTRALIA**  
*Incorporated by Royal Charter*



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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  
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Department of Labour and Industry, Western Australia  
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Metropolitan Water Sewerage and Drainage Board, N.S.W.  
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**AUSTRALIAN STANDARD**

**CRANES  
MOBILE, TOWER AND DERRICK—  
SELECTION AND OPERATION**

**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Cranes as part of the general revision and metrication of AS CB2—1960, SAA Crane and Hoist Code, which has been largely superseded by the various Parts of AS 1418, SAA Crane Code.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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