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CRANES MOBILE, TOWER AND DERRICK— SELECTION AND OPERATION



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as part of the general revision and metrication of AS CB2—1960, SAA Crane and Hoist Code, which has been largely superseded by the various Parts of AS 1418, SAA Crane Code.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

	<i>Page</i>
SECTION 1. SCOPE AND GENERAL	
1.1 Scope.....	4
1.2 Referenced Documents	4
1.3 Definitions.....	4
1.4 Selection	4
1.5 Operation	4
SECTION 2. GENERAL REQUIREMENTS	
2.1 Scope of Section.....	5
2.2 Selection of Cranes	5
2.3 Crane.....	5
2.4 Crane Drivers, Crane Chasers, Dogmen and Spotters	5
2.5 Siting of Cranes	5
2.6 Erection and Dismantling	8
2.7 Precautions for Cranes	8
2.8 Load Rating	9
2.9 Operation and Control	9
2.10 Ropes	15
2.11 Hooks and Hook Blocks	16
2.12 Maintenance, Inspection and Repair	16
2.13 Fire Extinguisher	16
SECTION 3. MOBILE CRANES	
3.1 Scope of Section.....	17
3.2 Types.....	17
3.3 Selection	17
3.4 Siting.....	17
3.5 Erection, Dismantling and Transportation	17
3.6 Precautions	22
3.7 Load Rating	22
3.8 Operation and Control	23
SECTION 4. TOWER CRANES	
4.1 Scope of Section.....	29
4.2 Types.....	29
4.3 Crane Driver, Crane Chaser, Dogman and Spotter	34
4.4 Selection	34
4.5 Siting.....	34
4.6 Erection and Dismantling	34
4.7 Precautions	37
4.8 Load Rating	37
4.9 Operation and Control	38
SECTION 5. DERRICK CRANES	
5.1 Scope of Section.....	39
5.2 Types.....	39
5.3 Selection	39
5.4 Siting.....	43
5.5 Erection and Dismantling	44
5.6 Precautions	45
5.7 Load Rating	45
5.8 Operation and Control	46
APPENDICES	
A Standards Relevant to Cranes	47
B Maintenance Work Procedures	49
C Outrigger Safe Bearing Capacity on Soils	50
D Statutory Authorities	51

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