

Australian Standard™

Radar speed detection

Part 2: Operational procedures

This Australian Standard was prepared by Committee CS-068, Radar Speed Detection. It was approved on behalf of the Council of Standards Australia on 11 July 2003 and published on 11 August 2003.

The following are represented on Committee CS-068:

Australian Automobile Association
Australian Chamber of Commerce and Industry
Institution of Engineers, Australia
National Standards Commission
New South Wales Police Service
Queensland Police Service
South Australia Police
Tasmania Police
Victoria Police
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PREFACE

This Standard was prepared by Standards Australia Committee CS-068, Radar Speed Detection, to supersede AS 2898.2—1992. The initial request for the Standard was submitted by the Australian Automobile Association which wished to see the procedures for using radar speed detection devices formalized in a public document.

In preparing this Standard, cognizance was taken of *Model Performance Specifications for Police Traffic Radar Devices*, published by the US National Highway Traffic Safety Administration.

This Standard specifies the procedures to be followed when using devices which comply with the requirements of AS 2898.1 to measure the speed of target vehicles for the purpose of law enforcement or scientific measurement. It does not purport to be an exhaustive set of requirements for the metrological aspects of speed measurements by means of Doppler radar. The establishment of such requirements falls within the area of responsibility of the National Standards Commission (NSC) rather than Standards Australia. The Committee was aware of OIML R91 *Radar equipment for the measurement of the speed of vehicles*, which sets out comprehensive metrological requirements and may be endorsed by the NSC for use in Australia.

This edition of the Standard has been expanded from the 1992 edition to—

- (a) include all image capture systems, not just photographic systems;
- (b) clarify certification and sealing requirements;
- (c) clarify the difference in alignment requirements for slant and direct radar devices; and
- (d) specify the training for device operators and image evaluators, rather than only providing guidance on these topics.

This Standard has been prepared to take into account the state of the art of radar speed detection in Australia at the time of publication.

This Standard is not intended to prohibit further advances in radar speed detection technology. The Committee will consider amending the Standard to include suitable requirements for new types of equipment as they become available.

The term 'normative' has been used in this Standard to define the application of the appendix to which it applies. A 'normative' appendix is an integral part of a Standard.

CONTENTS

	<i>Page</i>
SECTION 1 SCOPE AND GENERAL	
1.1 SCOPE.....	4
1.2 OBJECTIVE.....	4
1.3 APPLICATION.....	4
1.4 REFERENCED DOCUMENTS.....	4
1.5 DEFINITIONS.....	4
SECTION 2 OPERATIONAL PROCEDURES	
2.1 OPERATOR.....	5
2.2 EQUIPMENT CERTIFICATION.....	5
2.3 VEHICLE-MOUNTED EQUIPMENT.....	6
2.4 SITE SELECTION.....	6
2.5 FIELD TESTING.....	7
2.6 TARGET IDENTIFICATION.....	8
2.7 MOBILE RADAR.....	9
2.8 EVALUATION OF CAPTURED IMAGES.....	10
APPENDICES	
A OPERATOR TRAINING.....	11
B TRAINING OF PERSONNEL TO EVALUATE CAPTURED IMAGES.....	13

STANDARDS AUSTRALIA

**Australian Standard
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SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

This Standard sets out the procedures to be followed when using a radar device to measure the speed of a target for law enforcement or for scientific measurement.

1.2 OBJECTIVE

The objective of this Standard is to provide operational requirements for radar speed detection devices and training of operators of such devices in order to ensure uniformity of practice in their use.

1.3 APPLICATION

This Standard is applicable to the use of radar devices complying with AS 2898.1.

1.4 REFERENCED DOCUMENTS

The following Standards are referred to in this Standard:

AS

2898 Radar speed detection

2898.1 Part 1: Functional requirements and definitions

4691 Laser-based speed detection devices

4691.2 Part 2: Operational procedures

1.5 DEFINITIONS

For the purpose of this Standard, the definitions set out in AS 2898.1 apply.