

Australian Standard™

**Laser-based speed detection devices**

**Part 2: Operational procedures**

This Australian Standard was prepared by Committee CS-098, Laser Speed Detection. It was approved on behalf of the Council of Standards Australia on 11 July 2003 and published on 12 August 2003.

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The following are represented on Committee CS-098:

Australian Automobile Association  
Australian Chamber of Commerce and Industry  
CSIRO Division of Telecommunications and Industrial Physics  
Institution of Engineers Australia  
National Standards Commission  
New South Wales Police Service  
Queensland Police Service  
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## **Laser-based speed detection devices**

### **Part 2: Operational procedures**

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## PREFACE

This Standard was prepared by Standards Australia Committee CS-098, Laser Speed Detection, following a request by a supplier of these devices for a performance specification and operating procedures for laser-based speed detection devices. The request has resulted in the preparation of a two part series of Standards. Part 1 covers definitions and device requirements predominantly for assistance to manufacturers and this Part (Part 2) covers operational procedures for users of these devices.

This Standard does not purport to be an exhaustive set of requirements for the metrological aspects of speed measurements by laser. The establishment of such requirements falls within the area of responsibility of the National Standards Commission (NSC) rather than Standards Australia.

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

This Standard is not intended to inhibit further advances in laser-based 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 REFERENCED DOCUMENT.....	4
1.4 DEFINITIONS.....	4
SECTION 2 OPERATIONAL PROCEDURES	
2.1 OPERATOR.....	5
2.2 EQUIPMENT CERTIFICATION.....	5
2.3 OPERATIONAL CHECKS.....	6
2.4 SITE SELECTION.....	6
2.5 FIELD TESTING.....	7
2.6 TARGET IDENTIFICATION.....	7
APPENDICES	
A OPERATOR TRAINING.....	9
B TRAINING OF PERSONNEL TO EVALUATE CAPTURED IMAGES.....	11

STANDARDS AUSTRALIA

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Part 2: Operational procedures

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S E C T I O N 1    S C O P E   A N D   G E N E R A L

**1.1 SCOPE**

This Standard specifies operational procedures for laser-based devices which are used to measure the speed of targets for law enforcement or scientific measurement using the lidar principle. This Standard includes devices linked to an image capture system.

**1.2 OBJECTIVE**

The objective of this Standard is to provide users of laser-based speed detection devices with requirements and recommendations covering the operation of these devices and the training of operators in order to ensure uniformity of practice.

**1.3 REFERENCED DOCUMENT**

The following document is referred to in this Standard:

AS  
4691      Laser-based speed detection devices  
4691.1    Part 1: Definitions and device requirements

**1.4 DEFINITIONS**

For the purpose of this Standard the definitions in AS 4691.1 apply.