

1. GENERAL GUIDELINES FOR PROSECUTION WITH REGARD TO SPEED MEASUREMENTS

1. That the state only proceeds with prosecution when all the guidelines for prosecution of specific speed measuring equipment are complied with.
2. That the operator attended a general course on speed measurement.
3. That the operator is in possession of an operator's certificate for the specific type of SME.
4. That the manufacturer's operating instructions are followed, unless the National Director of Public Prosecutions' prosecuting guidelines are more stringent.
5. That an approved or accredited laboratory tests and/or calibrates:
 - * All speed measuring equipment
 - * All distance measuring equipmentat least once every six months and issues a calibration certificate.
 - 5.1 All distance checking markers for validation of SME's shall be checked and/or validated using calibrated distance measuring equipment and a certificate shall be obtained by the relevant traffic authority at least once every six months.
6. That no speed measurement may be implemented within 300 metres of the commencement of the speed limit zone except with permission from the Director of Public Prosecutions.
7. That maintenance and repair of equipment and accessories may only be attended to by the manufacturer, distributor, or his appointed agent, and the equipment must be recalibrated thereafter.
8. All results required to be recorded shall be recorded in an appropriate register.

3. GUIDELINES FOR PROSECUTION WITH REGARD TO SPEED MEASUREMENTS BY LASER EQUIPMENT

1. PREPARATION

Prior to the machine being used for speed measurement, the following checks must be carried out and recorded:

- 1.1 A scope alignment test, vertical and horizontal, as detailed in the operator's manual.
- 1.2 A fixed distance and zero velocity test.
 - * The distance must be at least 100 metres and it must be a surveyed distance.
 - * The distance error must not be more than $\pm 0,2$ metres.
 - * No speed-reading must be displayed when taking a measurement of a stationary object.
- 1.3 If any of the tests prove inaccurate the instrument must not be used.
- 1.4 A copy of:
 - * A valid calibration certificate;
 - * The type approval certificate to SABS 1795 - 1; (applicable to equipment acquired after 31 July 1998) and
 - * The operator's certificatemust be available at the site at all times.

2. SITE SELECTION

When selecting a site for a speed measurement exercise the following must be adhered to:

- 2.1 The operator must have a clear uninterrupted view of the road and the vehicle measured for the duration of the measurement.
- 2.2 Identify a target suitable for scope alignment testing 200 metres away from the equipment.
- 2.3 A suitable distance marker must be selected to indicate the boundary of the measurement area. This distance shall not exceed 400 metres and need not be measured with a tape measure, but may be paced out or measured with the distance display feature of the laser. This is important as a positive vehicle identification must be made.
- 2.4 Ensure that the instrument's tripod is standing on a firm and stable surface.

3. **SETTING UP THE DEVICE**

- 3.1 The SME shall at all times whilst being operated be mounted on a tripod on a firm and stable surface and not mounted in or on a vehicle.
- 3.2 Ensure that all digits on the display are functional.

4. **OPERATION**

The following must be adhered to whilst operating the equipment.

- 4.1 Verify correct operation using the self-test function.
- 4.2 Perform the scope alignment test, vertical and horizontal, before commencing with the speed measuring shift.
- 4.3 The tests in paragraphs 4.1 and 4.2 must be repeated every hour. Record the results.
- 4.4 For approaching vehicles, readings must be taken by aiming at the vehicle's registration plate or the area between the head lamps (or if it is a motorcycle, its headlamp), ensuring that no panning takes place.
- 4.5 For receding vehicles, readings must be taken by aiming at the vehicle's registration plate or the area between the vehicle's rear lamps.
- 4.6 Ensure that you have:
 - * a clear and uninterrupted view of the whole vehicle measured, and
 - * that no measurement is locked beyond 400 metres.
- 4.7 When viewed from the SME there must be a clear, visible separation between the vehicle target and any other visible vehicle.
- 4.8 The driver shall be afforded the opportunity to view the speed reading when stopped.