



Vehicle  
Certification  
Agency

# Malta Single Vehicle Approval – Guidelines for Acceptable Tyres

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## Malta Single Vehicle Approval – Guidelines for Acceptable Tyres

**Tyres are required to have two marks in total:**

- 1) An acceptable approval mark.
- 2) Tyre load capacity and safe speed capability markings.

Examples are given below:

**1) Tyres must be marked with at least **ONE** of the following three acceptable approval marks:**

Japanese Industry Standard



EU Approval Mark - 'E4'



## American Approval (FMVSS 109) & Canadian Approval (CMVSS)



FMVS Approval, shown as: DOT XXXX XXX XXX on the tyre, where X = a number or letter and the last three will be the Date of Manufacture

## 2) Tyres are **ALSO** required to display safe load and speed markings.

Background by way of example:



## Examples of Markings

Load Marking	Safe Load per axle	Speed Marking	Safe Max. Speed
78	1700 kg	Q	160 km/h
79	1748 kg	S	180 km/h
82	1900 kg	H	210 km/h
95	2760 kg	V	240 km/h

## Inspection Priority List for Tyre Markings

Regarding acceptable tyre markings, in order of importance, #1 being most important, VCA uses the following guidelines:

1. Tyre information on manufacturer's sticker, usually found on a vehicle's B-pillar.
2. Tyre information from the vehicle's handbook, usually found in the glove compartment
3. Tyre information listed in the Model Test Report.

Therefore, if a valid manufacturer's sticker is found on a vehicle, VCA will first review this sticker to compare its information against the tyres mounted to a given vehicle. If no sticker is found, VCA will then look for tyre information in the vehicle's handbook. If no marking information is found in the handbook, VCA will use the appropriate Model Test Report.

## Tyres are required to be of an appropriate width:

VCA reviews each tyre fitted to the vehicle and looks for tyre size information. An example of such information is as follows:



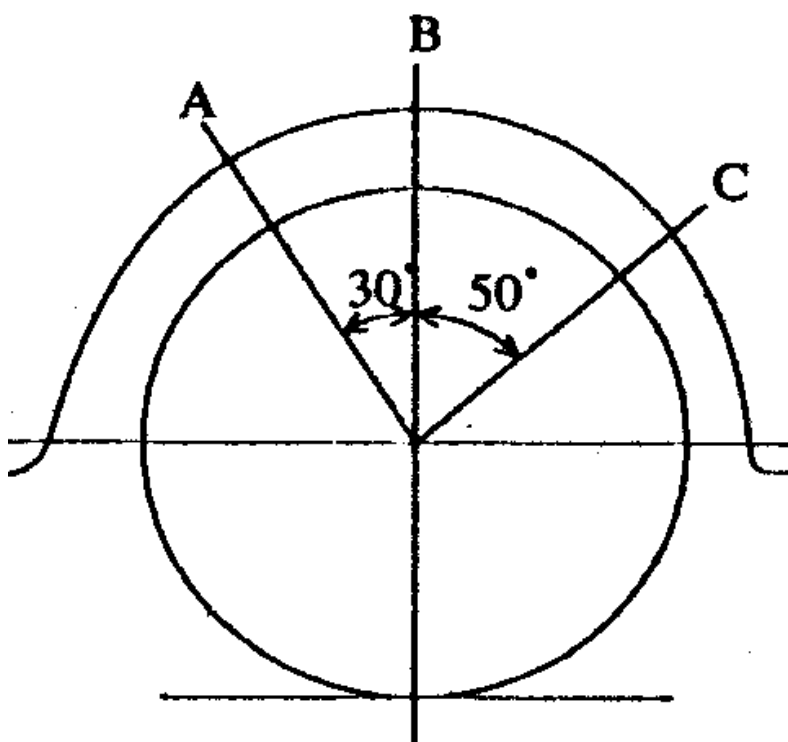
Regarding acceptable tyre widths, in order of importance, #1 being most important, VCA uses the following guidelines:

1. Tyre information on manufacturer's sticker, usually found on a vehicle's B-pillar.
2. Tyre information from the vehicle's handbook, usually found in the glove compartment
3. Tyre information listed in the Model Test Report.

Therefore, if a valid manufacturer's sticker is found on a vehicle, VCA will first review this sticker to compare its information against the tyres mounted to a given vehicle. If no sticker is found, VCA will then look for tyre information in the vehicle's handbook. If no marking information is found in the handbook, VCA will use the appropriate Model Test Report

However, if there is a question about the appropriateness of the tyres' width, VCA uses the following methodology to make its decision: Tyres fitted to a vehicle must not extend beyond the vehicle's bodywork.

Please see the following drawing:



VCA checks the span of  $30^{\circ}$  towards the FRONT of the vehicle, marked "A", to  $50^{\circ}$  towards the REAR of the vehicle, marked "C". If the tyre is inside the vehicle's body work in the span from A to C, then the tyre's width is deemed to be appropriate.