

## PROVIDING GUIDANCE TO MANUFACTURERS AND THE USER COMMUNITIES

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# GUIDANCE ON OBSOLETE EN NORMS AFFECTING PRODUCT TESTING AND CERTIFICATION FOR TRAFFIC PRODUCTS

### Introduction

Within the traffic products in the European Norms there are often cases where specifications refer to further EN standards for specific criteria in a hierarchical structure.

Considering VMS (EN12966), Traffic Signals (EN12368) and Traffic Controllers (EN12675) these standards refer to a common standard EN50556 Road Traffic Systems. This standard covers Electromagnetic Compatibility and Electrical Safety.

At the moment EN50556:2018 is the current standard, which in turn refers to other standards in its hierarchical structure.

If we take EMC specifically it refers to: EN50293:2012 which in turn refers to EN55022:2010 Information technology equipment. **Radio disturbance characteristics. Limits and methods of measurement**, is now referring to a specification that was withdrawn 05/03/2017.

While for Electrical Safety it refers to: EN50556:2018 refers to EN60950-1:2006 **Information technology equipment. Safety. General requirements** refers to a specification which has been superseded and will be withdrawn 20/12/2020, replaced with EN62368.

## The Advice from CEN

The issue now for designers is how to design and certify a product with withdrawn or superseded specifications. At some point in the future EN50556 and EN50293 will be updated through the normal standards update process but this will take time.

Using the current standards designers will need to specify to their external test house that testing must be completed with the withdrawn or superseded standards. Ensure when placing orders for test work you specify the Standard and year you need to test to plus whether it is against all or some clauses of the standard.

Guidance provided by CEN and CENELEC to the Convenor of EN50556 and EN50293 indicates that changes to reference specifications will cause constant change to standards, and that testing, and certification, can continue with withdrawn or superseded standards in this case.

PLEASE NOTE it is not appropriate for alternative testing to be carried out. This will cause non-compliance to the standard.

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