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Irish Standard  
I.S. EN 15518-1:2011

# Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components

## I.S. EN 15518-1:2011

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English Version

## Winter maintenance equipment - Road weather information systems - Part 1: Global definitions and components

Matériels de viabilité hivernale - Systèmes d'information météorologique routière - Partie 1: Définitions globales et composants

Winterdienstausrüstung - Straßenzustands- und Wetterinformationssysteme - Teil 1: Allgemeine Definitionen und Komponenten

This European Standard was approved by CEN on 1 January 2011.

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## Foreword

This document (EN 15518-1:2011) has been prepared by Technical Committee CEN/TC 337 “Winter maintenance and road service area maintenance equipment”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by August 2011, and conflicting national standards shall be withdrawn at the latest by August 2011.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

EN 15518, *Winter maintenance equipment — Road weather information systems*, comprises of the following parts:

- *Part 1: Global definitions and components*
- *Part 2: Road weather — Recommended observation and forecast*
- *Part 3: Requirements on measured values of stationary equipments*

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## **Introduction**

Road Weather Information Systems (RWIS) are complex structures used for road maintenance decision support, which feature as a rule the following components: meteorological sensors and instruments, transmission technology, computer systems for processing, representation and storing of information, road weather forecasts and alarms, in relation to traffic control and traffic information systems and more.

With a set terminology for the components and the meteorological expressions, an attempt is made to counteract a diversity of terms and designations for identical phenomena.

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