



NSAI
Standards

Irish Standard
I.S. EN 15518-3:2011

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

I.S. EN 15518-3:2011

Incorporating amendments/corrigenda/National Annexes issued since publication:

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English Version

Winter maintenance equipment - Road weather information systems - Part 3: Requirements on measured values of stationary equipments

Matériels de viabilité hivernale - Systèmes d'information météorologique routière - Partie 3: Exigences relatives aux valeurs mesurées par des matériels fixes

Winterdienstausrüstung - Straßenzustands- und Wetterinformationssysteme - Teil 3: Anforderungen an gemessene Werte der stationären Anlagen

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Contents		Page
Foreword		3
Introduction		4
1 Scope		5
2 Normative references		5
3 Terms and definitions		5
4 Requirements		7
 Tables		
Table 1 — Measurement requirements		8

Foreword

This document (EN 15518-3:2011) 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of an identical text or by endorsement, at the latest by August 2011, and conflicting national standards shall be withdrawn at the latest by August 2011.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.

Stationary equipment performs the acquisition of road and meteorological information at a fixed location.

This part of EN 15518 lays down the requirements for the recommended components of a stationary equipment of a RWIS. In the description of requirements a distinction is made between the components forming a basis stationary equipment for winter use and the recommended complementary components.

The aim is to ensure extensive combination and interchangeability within the systems.

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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