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Cycles — Audible warning devices — Technical specification and test methods

Cycles — Dispositifs avertisseurs sonores — Spécifications techniques et méthodes d'essai

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Contents

Page

Foreword ... **iv**

1 Scope ... **1**

2 Normative references ... **1**

3 Terms and definitions ... **1**

4 Symbols and abbreviated terms ... **2**

5 Instrumentations ... **2**
5.1 Instruments for acoustical measurement ... 2
5.1.1 General ... 2
5.1.2 Calibration ... 2
5.1.3 Compliance with requirements ... 2
5.1.4 Meteorological Instrumentation ... 2

6 Acoustical environment, meteorological conditions, and background noise ... **3**
6.1 Test site ... 3
6.2 Meteorological conditions ... 3
6.3 Background noise ... 3
6.4 Mounting of the AWD ... 4
6.5 Microphone and AWD positions ... 4

7 Measurement of the sound pressure level ... **4**
7.1 Actuation of the AWD ... 4
7.2 Measurement readings and reported values ... 4
7.2.1 General ... 4
7.2.2 Data compilation ... 4
7.3 Required sound pressure ... 5
7.4 Low battery indicator ... 5

8 Test of durability ... **5**
8.1 Test procedure ... 5
8.1.1 Stability mechanical test ... 5
8.1.2 Corrosion test ... 6
8.2 Test result ... 6

9 Test report ... **6**

10 Marking ... **6**

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Foreword

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The committee responsible for this document is ISO/TC 149, *Cycles*, Subcommittee SC 1, *Cycles and major sub-assemblies*.

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Cycles — Audible warning devices — Technical specification and test methods

1 Scope

This International Standard lays down the technical specifications, such as the sound pressure level and the durability, and specifies the corresponding test method for audible warning devices (AWD) which may be fitted to cycles.

This International Standard applies to all types of audible warning devices (AWD) for use on bicycles.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 9227, *Corrosion test in artificial atmosphere — Salt spray tests*

ISO 26101, *Acoustics — Test methods for the qualification of free-field environments*

IEC 60942, *Electroacoustics — Sound calibrators*

IEC 61672-1, *Electroacoustics — Sound level meters — Part 1: Specifications*

IEC 61672-3, *Electroacoustics — Sound level meters — Part 3: Periodic tests*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
cycle
any vehicle that has at least two wheels and is propelled solely or mainly by the muscular energy of the person on that vehicle, in particular by means of pedals

3.2
bicycle
two-wheeled cycle

3.3
audible warning device
AWD
device designed for the purpose to warn people by an audible signal

Note 1 to entry: Including all types of technologies (i.e. bells, horns, electronic audible warning device).

3.4
audible warning device class I
AWD designed for general purpose

3.5
audible warning device class II
AWD designed for purpose of use in area primarily shared by pedestrians and cyclists, such as a pedestrian zone

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