ISO 4869-6:2019 (E)

Acoustics — Hearing protectors — Part 6: Determination of sound attenuation of active noise reduction earmuffs

Contents

Foreword

Introduction

1 Scope

2 Normative references

3 Terms and definitions

4 Symbols and abbreviated terms

5 Testing

- 5.1 Specimens and conditioning
- 5.2 Test conditions
- 5.3 Test signals
- 5.3.1 Broadband noise for measuring active insertion loss
- 5.3.2 Red noise for testing linear operation
- 5.4 Test method
- 5.4.1 General
- 5.4.2 Oscillation and acoustic malfunction
- 5.4.3 Active insertion loss
- 5.4.4 Maximum sound pressure level for linear operation
- 5.5 Calculation of the total attenuation
- 5.6 Test report

Annex A (normative) Uncertainty of the mean active insertion loss of ANR earmuffs

- A.1 General
- A.2 Uncertainty within a laboratory

Page count: 11