
**Acoustics — *In-situ* determination of
insertion loss of outdoor noise barriers
of all types**

*Acoustique — Détermination in situ de la perte par insertion de tous types
d'écrans antibruit en milieu extérieur*



Contents	Page
1 Scope	1
2 Normative references	1
3 Definitions	2
4 Methods	3
4.1 Direct method.....	3
4.2 Indirect measurement method	3
5 Instrumentation.....	4
5.1 Sound level meter and analyzer	4
5.2 Sound calibrator	4
5.3 Windscreen	4
5.4 Other instrumentation system	4
5.5 Meteorological equipment	4
6 Acoustic environment	4
6.1 General	4
6.2 Terrain profile and ground surface equivalence	5
6.3 Meteorological conditions	5
6.4 Background noise	7
7 Sources and source equivalence.....	8
7.1 Source type	8
7.2 Source equivalence	8

© ISO 1997

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case postale 56 • CH-1211 Genève 20 • Switzerland
Internet central@iso.ch
X.400 c=ch; a=400net; p=iso; o=isocs; s=central

Printed in Switzerland