INTERNATIONAL STANDARD

ISO 3822-3

> Second edition 1997-02-01

Acoustics — Laboratory tests on noise emission from appliances and equipment used in water supply installations —

Part 3:

Mounting and operating conditions for in-line valves and appliances

Acoustique — Mesurage en laboratoire du bruit émis par les robinetteries et les équipements hydrauliques utilisés dans les installations de distribution d'eau —

Partie 3: Conditions de montage et de fonctionnement des robinetteries et des équipements hydrauliques en ligne



Foreword

ISO (the International organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International candards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 3822-3 was prepared by the European Committee for Standardization (CEN) in collaboration with ISO Technical Committee TC 43, *Acoustics*, Subcommittee SC 2, *Building acoustics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the direct edition (ISO 3822-3:1984), which has been technically revised.

ISO 3822 consists of the following parts, under the general title Acoustics — Laboratory tests on noise emission from appliance and equipment used in water supply installations:

- Part 1: Method of measurement
- Part 2: Mounting and operating conditions for draw-off taps and mixing valves
- Part 3: Mounting and operating conditions for in-line valves and appliances
- Part 4: Mounting and operating conditions for special appliances

Annex A of this part of ISO 3822 is for information only.

© 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

Content

Foreword		
0	Introduction	i۱
1	ScopeQ	1
2	Normative references	1
3	Mounting	5
3.1	General	5
3.2	Fitting to the test pipe	2
3.3	Mounting of in-line valves and appliances with screwed connections	3
3.4	Mounting of in-line valves and appliances with provision for soldering in copper	Ĭ
	connecting pipes	3
3.5	Mounting of in-line valves are appliances fitted with copper connecting pipes	3
3.6	Mounting of in-line valves or appliances with two inlets	3
3.7	Discharge connection	3
4	Test procedure	3
4.1	General test conditions	3
4.2	Procedure for stop valves	1
4.3	Procedure for control valves	5
4.4	Procedure for valves and appliances operated by water flow	5
4.5	Procedure for automatic in-line valves or appliances operated by water pressure	6
4.6	Procedure for automatic in-line valves and appliances operated by water	Ü
	temperature	6
4.7	Procedure for "safety groups"	7
5	Test report	7
Annex A (informative) Example of low noise flow resistance		