



International
Standard

ISO 12101

**Industrial valves — Measurement,
test and qualification procedures
for fugitive emissions —
Classification system and
qualification procedures for type
testing of stem seals for valves**

**First edition
2025-06**

*Robinetterie industrielle — Mesurage, essais et modes
opératoires de qualification pour émissions fugitives — Système
de classification et modes opératoires de qualification pour les
essais de type des dispositifs d'étanchéité de la tige des appareils
de robinetterie*

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Published in Switzerland

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Foreword

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This document was prepared by Technical Committee ISO/TC 153, *Valves*.

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Introduction

The objective of this document is to establish test methods to evaluate the performance of different designs and constructions of stem sealing for valves in order to reduce fugitive emissions.

The results from the testing provide a means of classification and qualification under various test conditions.

This classification will help valve manufacturers to choose a suitable stem seal system to allow valve testing in accordance with ISO 15848-1.

The procedures of this document can only be used with the application of necessary precautions for testing with flammable or inert gas at temperature and under pressure.

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