

INTERNATIONAL STANDARD

ISO
10155

First edition
1995-04-01

Stationary source emissions — Automated monitoring of mass concentrations of particles — Performance characteristics, test methods and specifications

*Émissions de sources fixes — Contrôle automatique des concentrations
en masse de particules — Caractéristiques de fonctionnement, modes
opératoires d'essai et spécifications*



Reference number
ISO 10155:1995(E)

Contents

	Page
1 Scope	1
2 Normative references	1
3 Definitions	2
4 Measurement system components	3
4.1 Sampling and analytical components	3
4.2 Data recorder	3
5 Installation criteria	3
5.1 Sampling location	3
5.2 Environmental conditions	4
6 System performance specifications	4
6.1 Response time	4
6.2 Zero drift	4
6.3 Span	5
6.4 Span drift	5
6.5 Calibration specifications	5
7 Test procedures to validate specifications	5
7.1 Response time test	5
7.2 Zero and span setting in the field	6
7.3 System calibration	6

Annexes

A Statistical treatment of data	8
B Possible sampling configurations	13
C Test data forms	14
D Example of calculations	16

© ISO 1995

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

Printed in Switzerland