

ISO 23210:2009-08 (E)

Stationary source emissions - Determination of PM<(Index)10>/PM<(Index)2,5> mass concentration in flue gas - Measurement at low concentrations by use of impactors

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	2
4	Symbols and abbreviated terms	3
5	Principle of the method	5
6	Specification of the two-stage impactor	8
7	Sampling train	11
8	Preparation, measurement procedure and post-treatment	13
9	Calculation of the results	17
10	Performance characteristics	17
11	Reporting	20
Annex A (normative) Calculation of the sample volumetric flow rate of the impactor		21
Annex B (informative) General equations concerning impaction theory		28
Annex C (informative) Results of method validation		30
Annex D (informative) Influence of variations in the flue gas temperature and flue gas composition on the Reynolds number		36
Annex E (informative) Entry nozzle		38
Annex F (informative) Equipment list		39
Annex G (normative) Determination of a representative sampling point		41
Bibliography		42