

ISO 14385-1:2014-08 (E)

Stationary source emissions - Greenhouse gases - Part 1: Calibration of automated measuring systems

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	Symbols and abbreviations	5
4.1	Symbols	5
4.2	Abbreviations	6
5	Principle	6
5.1	General	6
5.2	Limitations	6
5.3	Measurement site and installation	7
5.4	Testing laboratories performing SRM measurements	8
6	Calibration and validation of the AMS	8
6.1	General	8
6.2	Functional test	8
6.3	Calibration and validation of multiple/complex measurement systems	8
6.4	Parallel measurements with an SRM	9
6.5	Procedure: calibration and validation of the AMS by means of parallel measurements	11
6.6	Report	18
7	Documentation	18
Annex A (normative)	Functional test of AMS	19
Annex B (normative)	Test of linearity	23
Annex C (normative)	Documentation	25
Annex D (informative)	Example of calculation of the calibration function	27
Annex E (informative)	Procedure for the identification of outliers	30
Annex F (informative)	Measurement uncertainty	34
Bibliography		35