

General Greenhouse Gas Management



TECHNICAL COMMITTEES ON GENERAL GREENHOUSE GAS MANAGEMENT STANDARDIZATION

- International level -

ISO/TC 207/SC7: Environmental Management – Greenhouse Gas and Climate Change Management and Related Activities

Scope

ISO/TC 207/SC 7 is responsible for the development of standards to manage and mitigate GHG emissions, as well as to adapt to the effects of climate change and in support of sustainability.

ISO/TC 146/SC 1: Air Quality – Stationary Source Emissions

Scope

ISO/TC 146/SC 1 elaborates standards in the field of emission of stationary sources excluding the establishment of limit values. The standards are used as references in legislation, in showing compliance with requirements, both in legal and industrial applications, in showing performance of abatement equipment.

- European level -

CEN/TC 264/WG 33: Air Quality - Emissions - GHG in Energy-Intensive Industries

Scope

CEN/TC 264/WG 33 deals with standardization in the field of GHG in energy-intensive industries, including the transposition of international standards into European standards.

MAIN STANDARDS ON GENERAL GREENHOUSE GAS MANAGEMENT

ISO/TC 207/SC 7: Environmental Management – Greenhouse Gas and Climate Change Management and Related Activities

ISO 14064-1:2018	Greenhouse gases — Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals
ISO 14064-2:2019	Greenhouse gases — Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements
ISO 14064-3:2019	Greenhouse gases — Part 3: Specification with guidance for the verification and validation of greenhouse gas statements
ISO 14067:2018	Greenhouse gases — Carbon footprint of products — Requirements and guidelines for quantification
IWA 42:2022	Net zero guidelines
ISO 14068-1:2023	Climate change management — Transition to net zero — Part 1: Carbon neutrality
ISO/TR 14083:2013	Greenhouse gases — Quantification and reporting of greenhouse gas emissions arising from transport chain operations
ISO 14097:2021	Greenhouse gas management and related activities — Framework including principles and requirements for assessing and reporting investments and financing activities related to climate change
ISO 19694-1:2021	Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries — Part 1: General aspects

ISO/TC 146/SC 1: Air Quality – Stationary Source Emissions

ISO 19694 series*	Stationary source emissions — Determination of greenhouse gas emissions in energy-intensive industries <ul style="list-style-type: none"> • Part 3: Cement industry • Part 4: Aluminium industry • Part 5: Lime industry • Part 6: Ferroalloys and silicon industry • Part 7: Semiconductor and display industries
ISO 12039:2019	Stationary source emissions — Determination of the mass concentration of carbon monoxide, carbon dioxide and oxygen in flue gas — Performance characteristics of automated measuring systems
ISO 10396:2007	Stationary source emissions — Sampling for the automated determination of gas emission concentrations for permanently-installed monitoring systems
ISO 15259:2023	Air quality — Measurement of stationary source emissions — Requirements for measurement sections and sites and for the measurement objective, plan and report
ISO 20181:2023	Stationary source emissions — Quality assurance of automated measuring systems
ISO 13833:2013	Stationary source emissions — Determination of the ratio of biomass (biogenic) and fossil-derived carbon dioxide — Radiocarbon sampling and determination
ISO 18466:2016	Stationary source emissions — Determination of the biogenic fraction in CO ₂ in stack gas using the balance method

CEN/TC 264/WG 33: Air Quality - Emissions - GHG in Energy-Intensive Industries

EN 17255 series	Stationary source emissions - Data acquisition and handling systems
EN 17656:2022	Stationary source emissions - Requirements on proficiency testing schemes for emission measurements
CEN/TS 17405:2020	Stationary source emissions - Determination of the volume concentration of carbon dioxide - Reference method: infrared spectrometry

*European transposition of this standard series: EN 19694 series by CEN/TC 264/WG 33: Air Quality - Emissions - GHG in Energy-Intensive Industries