

Standard or Technical Report Title	Description
Pipeline Transportation Standards (ISO 27913)	Specifies additional requirements and recommendations not covered in existing pipeline standards for the transportation of CO <sub>2</sub> streams from the capture site to the storage facility where CO <sub>2</sub> is primarily stored in a geological formation or used for other purposes (e.g. for EOR).
Geological Storage Standards (ISO 27914)	Establishes requirements and recommendations for the geological storage of CO <sub>2</sub> streams, the purpose of which is to promote commercial, safe, long-term containment of carbon dioxide in a way that minimizes risk to the environment, natural resources, and human health.
Storage Using CO <sub>2</sub> -EOR (ISO 27196)	Applies to carbon dioxide that is injected in enhanced recovery operations for oil and other hydrocarbons for which quantification of CO <sub>2</sub> that is safely stored long-term in association with the EOR project is sought.
Vocabulary, Crosscutting Terms (ISO 27917)	Defines a list of cross-cutting terms commonly used in the field of carbon dioxide capture, transportation and geological sub-surface storage including storage in association with enhanced oil recovery (EOR) operations.
Post-Combustion CO <sub>2</sub> Capture Integrated with a Power Plant (ISO 27919)	Covers thermal power plants burning carbonaceous fuels, such as coal, oil, natural gas and biomass-derived fuels, which are producing CO <sub>2</sub> from boilers or gas turbines, and are integrated with CO <sub>2</sub> capture.
Capture Systems (ISO/TR 27912)	Describes the principles and information necessary to clarify the CO <sub>2</sub> capture system and provide stakeholders with the guidance and knowledge necessary for the development of a series of standards for CO <sub>2</sub> capture.
Quantification and Verification (ISO/TR 27915)	Presents a review of publicly available literature identifying materially relevant issues and options relating to "good practices" for quantifying and verifying GHG emissions and reductions at the project level. Its scope covers all components of the CCS chain (e.g. capture, transport, storage) and includes a lifecycle assessment approach to

	estimating project level emissions and emission reductions from project assessment, construction and operations, through to completion and post-closure activities.
Lifecycle Risk Management for Integrated CCS Projects (ISO/TR 27918)	Designed to be an information resource for the potential future development of a standard for overall risk management for CCS projects. Specifically, the focus of this document is on risks that affect the overarching multiple-stage CCS project with risks that cut across capture, transportation, and storage.
CO <sub>2</sub> Stream Composition (ISO/TR 27921)	Primarily aiming to describe the main compositional characteristics of the CO <sub>2</sub> stream downstream of the capture unit, taking into account common purification options.