Investigation on separation of mixtures of nitrogen – carbon dioxide – water vapor in the membrane module

Publication date:	30.12.2014
Publication title:	Investigation on separation of mixtures of nitrogen – carbon dioxide – water vapor in the membrane module
Authors:	Marek Tańczyk, Manfred Jaschik, Krzysztof Warmuziński, Aleksandra Janusz-Cygan
Journal information:	Prace Naukowe Instytutu Inżynierii Chemicznej Polskiej Akademii Nauk
Tags:	membrane separation, carbon dioxide, water vapor

Abstract: The main aim of the study was to experimentally determine the impact of water vapor in the process of carbon dioxide separation from flue gases. The conducted research allowed us to determine the data required for the calculation of the process of permeation and unambiguously confirmed that the impact of the water vapor in the process of separation of CO_2 from flue gases cannot be ignored.

Metryczka

Published by:	Artur Wojdyła
Published at:	18.09.2025 14:45
Number of views:	115