

Institute of Chemical Engineering

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

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Authors:	Marek Tańczyk , Manfred Jaschik , Krzysztof Warmuziński , Aleksandra Janusz-Cygan
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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 CO₂ from flue gases cannot be ignored.

Attachments:

[Zeszyt-18-2014](#) pdf, 6.25 MB

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