

Institute of Chemical Engineering

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The biogas upgrading by membrane separation

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Abstract: An analysis was carried out of the possibility of concentrating methane from a synthetic biogas in an Air Products membrane module. Experimental investigations concerning the permeation of pure gases and mixture of these gases containing 50 and 60 vol.% of methane and carbon dioxide, were carried out. An important conclusion from the investigation is that this module can be used for the upgrading of biogas to biomethane.

Attachments:

[Zeszyt-24-2020](#) pdf, 3.25 MB

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