

# Institute of Chemical Engineering

Adres artykułu: <https://iich.gliwice.pl/en/article/feasible-prospect-of-methane-removal-from-ventilation-air-of-coal-mine-with-energy-recovery>

## Feasible prospect of methane removal from ventilation air of coal mine with energy recovery

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**Abstract:** The problems related to the utilization of low-concentration methane emitted with the ventilation air from coal mines into the atmosphere are discussed. A short review of the methods of such utilization proposed in the literature was made, with particular emphasis on the aspects of industrial implementation on large-scale facilities. The work includes the experimental and simulation experiences of ICE PAS in the thermal combustion of methane in a flow reversal reactor.

## Attachments:

[Zeszyt-25-2021](#) pdf, 6.38 MB

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Tagi: thermal combustion, methane, reversal reactor

# Metryczka

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