

MEASURING BIOGAS PRODUCTION WITH FERMENTERS

VINDIS, P.; MURSEC, B.; STAJNKO, D.;
BRUS, M. & JANZEKOVIC, M.

Abstract: *The paper presents the construction for anaerobic digestion and measuring biogas production with fermenters. Anaerobic digestion is a system that harnesses natural process to treat waste, produce biogas that can be converted to heat and electricity and anaerobic digestate, a soil improving material. The experiment is made according to DIN 38 414, part 8. The quality and amount of biogas production (methane) is observed. The basic structure is made of stainless steel, on which other components are fixed. Some experiments with different energy plants are made.*

Key words: *Biogas, energy plant, fermenter*



Authors' data: PhD. **Vindis**, P[eter]; Prof. dr. **Mursec**, B[ogomir]; Assist. Prof. **Stajniko**, D[enis]; Dr. **Brus**, M[aksimilijan]; Prof. Dr. **Janzekovic**, M[arjan], University of Maribor, Faculty of Agriculture, Vrbanska 30, 2000, Maribor, SI, peter.vindis@uni-mb.si, bogomir.mursec@uni-mb.si, denis.stajniko@uni-mb.si, maksimilijan.brus@uni-mb.si, marjan.janzekovic@uni-mb.si

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