

The Temperature Influence for Gasification in the Advanced Biomass Gasifier

Authors : Narsimhulu Sanke, D. N. Reddy

Abstract : The paper is to discuss about the influence of the temperature in the advanced biomass gasifier for gasification, when tested four different biomass fuels individually in the gasification laboratory of Centre for Energy Technology (CET). The gasifier is developed in CET to test any kind of biomass fuel for gasification without changing the gasifier. The gasifier can be used for batch operations and observed and found that there were no operational problems.

Keywords : biomass fuels, temperature, advanced downdraft gasifier, tar, renewable energy sources

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