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POSSIBILITIES OF USING POST-CONSUMER WOOD WASTE AS A FUEL IN A CEMENT PLANT

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Abstract

The energetic use of wood waste in cement plants, as well as in the commercial power industry and district heating can bring measurable economic and environmental benefits. The article presents an analysis of the possibility of using selected post-consumer wood waste as an alternative fuel. For this purpose, a series of tests were carried out to determine the physico-chemical properties of the waste. The tests confirm the usefulness of post-consumer wood waste in cement plants as a separate fuel or one of the alternative fuel components.

Keywords: Post-consumer wood waste; Fuel; Cement plant; Technical analysis; Elementary analysis.