

A study of municipal solid waste generated in the city of Sterlitamak for the possibility of their use in the furnaces of cement production

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Abstract

The analysis of existing methods of recycling of solid waste and the volume of his education in the Republic of Bashkortostan was carried out. The results of laboratory tests of samples of municipal solid waste generated in the city of Sterlitamak, to determine its morphology, elemental composition, as well as the calorific value was presented. The possibility of using municipal solid waste in the furnaces of cement production as an alternative source of energy was considered.