**ABSTRACT**

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**Indri Fatmi Sari**

**The Influences To Briquette Diameter Blotong Madukismo Against WasteSugar Industri Old Time Boiling Water**

**(xiv+40+ 4 appendices)**

An industry must produce waste, Sugar industry produces a solid waste, that is blotong wich is not treated and untilized optimally yet so need a treatment, One of the untilizing is mode to be alternative fuel so that can reduces environmental pollution in town and village. The purpose of the influences of the research is todefermine the influences of blotong briqueffes toword the wich is needed to boil water.

The research is an experimental research with Post Test Only Design. The object of this research is blotong this research is blotong which is made to be ​​briquettes with difference diameter (2inci, 3inci, and 4inci). The method whice is used to sampling is Quota sampling. The Independent variable of this research is the diametrs (2inci, 3inci, and 4inci) blotong briquettes as an alternative fuel, and the bound variable is water boil times.

The results of the receach is the blotong briquettes with diameter 2 inchs which can water 260.3 seconds faster thn 3 inchs and 4 inchs. Datas of the boiling water time acetested by One Way ANAVA test using SPSS 16 for windows applications with a significant level (α) = 0.05. The statistic test gives result that p-value =0,000 so it can be said there is the significant difference. Of boiling water times and blotong briquettes diameters.

The conclusion of this research give a conclusion that theres is a significant difference of boiling water times and blotong briquettes diameters. The most effective diameter of blotong briquettes is 2 inchs with 260,3 seconds. The communitys are suggestions for the community so that researchers can exploit blotong  
  to be made bioarang briquettes to use blotong which is made bioarang briquetts as an cheap and environmental alternative fuel.

Keywords : Against Waste Sugar Industri (Blotong), Briquette diameter Blotong, Old Boiling Water

Bibliography : 20 pieces (1985-2011)