THE DETERMINATION STUDY OF CLEANER PRODUCTION AS THE EFFORT OF INDUSTRIAL WASTE MANAGEMENT
(Case Study: PG. Modjopanggoong, Tulungagung)

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Abstract
PG Modjopanggoong is one of the industries that produce white sugar. Cases of environmental pollution many overrides this company several years ago. Start from air pollutions until oil spill on all plant production.

For that, we need an audit of industrial waste management through cleaner production. An approach to reduce the volume and concentration of waste reduction on the road with the source. Implementation of cleaner production audit in PG Modjopanggoong can’t be detached from one activity that is important waste minimization techniques. It is a form of prevention efforts or to reduce volume of PG Modjopanggoong waste, starting from the selection of materials, control the source, to the utilization of waste produced.

From this research it was found that to achieve the implementation of the program in the net production of PG Modjopanggoong, governance needs to be done like waste minimization techniques and good housekeeping on all plant. In addition, the proposed improvement strategies related to waste management in general in order to get the implementation of clean production in PG Modjopanggoong, including 3 things. First, efforts to repair the modification technology control air quality. Second, the recycling effort blotong become briket blotong as fuel. And the last is the improvement efforts on packaging techniques and storage of toxic and hazardous waste.

Key words: cleaner production, waste minimization, PG Modjopanggoong