

ABSTRACT

A Factory is working high efficiency can be make many problem, machine don't reach to good productivity, operator, and other problem. Its can be caused a limit of production. Thus, machines still good condition so that its need the preventive maintenance. Its can be solved defect of machines with good preventive replacement and routine replacement of defect's machines. Its can solving defect of machines. Oen of defect's machines is human error. Organic Factory PT Pusri is a devisi of PT Pusri. Its product is granul organic and curah organic. Study in Organic Factory is a aplication of preventive maintenance of defect of macnines. Analysis of varian is one of methods can solving its problem to know pf the influence preventive maintenance with defect's machines. Preventive maintenance is not not good if its aplication can not be solving to defect's machines in Organic Factory PT Pusri although it can to decrease defect one of machines Organic Factory. It is about 27,03 %. But, other machines to increase defect, such as granulator, hammer mill, and dryer. The solution in this problem has given a solution about to change preventive maintenance prosedur. It's appliacion to all of machines that it is related to most influence of preventive maintenance in machinis. At pencacah is given a standard maintenance, at granulator and hammer mill-cyclone-scrubber are given a stadard planning maintenance. At dryer is given a standard operation opertaion blowe.

Key word : preventive maintenance, defect of machines, *human error*, analysis of varian