ABSTRACT

In general, most industries can be described as production systems. These industries transform a set of input, like equipment, raw material and labor, into finished goods. Civilization-development emerges technological development that influence into high technology. This development will make the challenge to increase efficient and effective process. So the organization has the challenge to fulfill demand.

Production factors that have known can be grouped into intelligent or human factors, material factors and machine factors. All of these factors are used to produce from raw material to finished goods. Complexity of equipment depends on the result that they are produced. In great industry, equipment technology that used for their manufacturing process is depended on the accuracy of finished goods.

In manufacturing process and production system of a product in an industry, now used high-tech equipment to help increasing efficiency and process-productivity, so it can increase quality and quantity result.

The common and complexity of equipment that used, after that they needed a good production-planning. One of production process planning is maintenance-systems planning of production-process equipment. A good maintenance-system will pass off smoothly that the planner wanted, because it can reduce breakdown-trouble that can not be forecast.

To improve maintenance division productivity, this Division has implemented Computerized Maintenance Management System (CMMS). This system has capability to help maintenance administration. The result of this system also can increase productivity this division.

After implement this system, there is real difference before using CMMS and after using CMMS.

Keyword: Maintenance, Productivity, CMMS
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