

ABSTRACT

PT Indonesian Aerospace is a company engaged in the field of aircraft design, development and manufacture of civil aircraft and military regional commuter. In carrying out the production process, PT DI Indonesia is supported by a variety of machines and equipment scattered throughout the existing production units. The machines used in the production process has an important role so as to maintain the performance of these machines remain well maintenance activities need to be done so that the production process is not hampered. One of them is the Toshiba machine BMC 100 R. Thus it is necessary to knowledge sharing among employees because employees know about the corrective maintenance of Toshiba machines are relatively few. How learning is used for this are not yet fully support the knowledge sharing. Media that can be used to perform knowledge sharing is an e-Learning.

The method used in the data collection in this study using the method further SECI and content / data that have been obtained using a method designed ADDIE (Analyze, Design, Development, Implementation, Evaluation). Knowledge conversion method SECI (Socialization, externalization, Combination, Internalization) can be done as a method for managing knowledge that can be easily understood.

In this study produced an e-learning as a learning guide corrective maintenance Toshiba BMC 100 R contains best practice corrective maintenance process bearing parts on the machine spindle. This best practice derived from the brainstorming process performed by two operators who were interviewed in the maintenance phase of SECI (Socialization, externalization, Combination, Internalization). Best practices form the basis for the design of e-learning by using ADDIE (Analyze, Design, Development, Implementation, Evaluation) which will be used as study guides in corrective maintenance business processes Toshiba BMC 100 R PT Indonesian Aerospace.

Keyword-Corrective maintenance, ADDIE, SECI, e-learning, best practice.