TOTAL PRODUCTIVE MAINTENANCE IMPLEMENTATION OF THE METHOD OF OVERALL EQUIPMENT EFFECTIVENESS (OEE) TO DETERMINE MAINTENANCE STRATEGY ON MILL OF MACHINE TUBE 303 (CASE STUDY PT. SPINDO UNIT III)

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Abstract

Competition metal industry in recent years is very tight imposed PT. Spindo Unit III must be optimum produced. But, suddenly damage and not prediction before on production machine, tube mill 303 make various. Therefore we need an activity planned and controlled treatment of machine components mill of machine tube 303 in order to function normally and optimally. The strategy will refer to the method used is Total Productive Maintenance. In this study, the calculation method used is Overall Equipment Effectiveness (OEE) in which the quantitative aspects are summarized in the six big losses are calculated and compared with targets which are in the PT. Spindo Unit III. By comparison of the value of OEE, it is expected to be able to determine the company's strategy for ongoing maintenance and improvement in the framework of the implementation of Total Productive Maintenance because its output is the investment cost that is secreted will affect how much of the company's profits.

Keyword: Tube Mill 303, Total Productive Maintenance, Overall Equipment Effectiveness