

SUMMARY

Production of loading equipment and transportation equipment in overburden stripping activities is very important because it can affect the speed at which coal seams can be excavated. The problem that often occurs in coal mining companies is not achieving the production target of the loading and conveying equipment used by the company.

This study aims to examine the production of loading equipment and transportation equipment used, evaluate the factors that cause the production target not to be achieved and provide recommendations for improvements to the factors that cause production not to be achieved, so that the production of loading equipment and transportation equipment can be achieved. .

The research method begins with a study of literature, field observations to obtain primary and secondary data directly, the data obtained is then processed and analyzed so that alternative solutions to problems are obtained, then can provide suggestions after making production improvements to the problems that occur.

The problem that occurred in March 2022 at PT.Golden Great Borneo was that the overburden stripping production target of 290,000 BCM/month had not been achieved. The production that can be produced by the Hitachi ZAXXIS 870 LCH digging tool is 296,113 BCM/month and 3 units of Komatsu HD 465 conveyance is 228,220.85 BCM/month or about 78.69%.

The results obtained are that the production of loading equipment and transportation equipment has not reached the target set by the company. Efforts that can be made are to increase work efficiency by repairing obstacles by widening and improving road grades.

The production value of loading and unloading equipment and transportation equipment has increased and can reach the production target in March 2022 which has been set by the company. Increased production of digging and loading equipment from 296,113.94 BCM/month (102.1%) increased to 300,367.8 BCM/month (103.57%) and transportation equipment from 228,220.85 BCM/month (78.69%) increased to 301,067.4 BCM/month (103.81%).