

ABSTRACT

PT. Bukit Asam Coal Mining Company is located in the village of Tanjung Enim, District Lawang Kidul, Muara Enim, South Sumatra Province. PT. Bukit Asam coal mining operations using open-pit mining system (Surface Mining).

Stripping the overburden is one activity that is affecting the mining activity, the sooner the activities stripping overburden the next activity will be more rapid. In accordance with the company's plan to increase production every year, then stripping the overburden, also always carried out in accordance with the production capability of the mechanical device used.

In the course of overburden stripping, PT. Bukit Asam using a series of work-load excavator (backhoe) and transport equipment (dumptruck) to move material from the loading point to the disposal area with the goal of stripping overburden production of 600.000 BCM / month, real production stripping of overburden is currently 310.599, 91 BCM / month, so there is still a shortage of production of 289.400,09 BCM / month.

The achievement of production targets is done by increasing the effective working time to do prevention or reduction of the time lost due to obstacles that occur in the activities of loading and transport, so that the production of means of conveyance of 310.599,91 BCM / month to 678.169,4834 BCM / month.