

ABSTRACT

PT. Jembayan Pamapersada is a private company engaged in mining. The coal mining plan are is located in the village of Mulawarman, District Tenggara Sebrang, Kutai Kartanegara Regency, East Kalimantan Province.

A shortage of production of overburden stripping of the specified monthly target happened equal to 3,800,000BCM, only reached 3,600,000BCM. Therefore, there was a shortage of production of 200.000BCM (5.3%). This was due to the barriers to employment, one of which was slippery. Slippery is wet condition or lost time after the rain until the excavator and transportation loading and transporting activities. Slippery in April 2014 took 38.32hours with 16 times of the frequency of scrap.

After an effort to decrease the duration of the handling, there were two alternative durations ie, the first alternative to the duration 15,66hours/ month and the second alternative 31,32hours / month. The change in the duration of the treatment would affect a change in the effective working time and work efficiency of unloading tools and conveyances. Production in April 2014 after repairs in the first alternative was 3,801,400BCM And the second alternative was 3,682,700BCM.