

ABSTRACT

PT. Caritas Energi Indonesia is a company engaged in coal mining located in Tanjung Rambai Village, Sarolangun District, Sarolangun Regency, Jambi. PT. Caritas Energi Indonesia implements an open pit mining system (surface mining) with the open pit method, where land clearing occurs and excavation of soil and rock cover on the earth's surface. The soil and rocks are then stockpiled in a disposal area or backfilled into the previously dug holes (backfilling). Layer loading and unloading process overburden at the research location using Komatsu PC300 excavator and for transportation using Scania P360 dump truck, the material is transported to disposal with a distance of ±500 meters.

The problem that occurs is that the production target that has been set by the company has not been achieved. The production target set during the research was 120.000 Bcm/month while the average production in the field was 109.748,29 Bcm/month. The failure to achieve the production target is due to the large amount of work time wasted by work barriers, both unavoidable and avoidable obstacles. As a result of these obstacles, work efficiency is low.

Improvement efforts that can be made to increase production are by increasing work efficiency by reducing and eliminating avoidable obstacles so that effective working time increases and work efficiency increases as well.

Another thing that can be done to achieve the production target is to supervise and coordinate between field supervisor and mechanical equipment operators, conduct work briefings and provide counseling about the importance of discipline.

Keywords: Production Targets, Work Efficiency, Match Factor