

ABSTRACT

West banko Pit 3 coal mining project is owned by PT. Bukit Asam (Persero) Tbk., was working by PT. Bangun Karya Pratama Lestari Contractors. The project is located in Lingga village, district Lawang Kidul, Muara Enim regency, South of Sumatera province. At west Banko pit 3 during year 2014 there are no able to plan production target by owner.

Based on data in field, accomplishment production target overburden and coal only amount 84% from plan. Production target plan during year 2014 is 4.490.000 bcm overburden and 1.600.000 ton coal with total cost of production amount Rp.157.602.542. Meanwhile actually production target in year 2014 only amount 3.796.943 bcm of overburden and 1.389.548 ton of coal, with total cost of production amount Rp. 149.889.534.648. Production cost of overburden and coal gives effect by production achieve. The plan production cost of overburden and coal is amount Rp.35.101/bcm and Rp. 98.502/ton coal, while actually production cost is amount Rp. 39.476/bcm overburden and 107.869/ton coal.

Because was found lower job efficiency until happened taking down of productivities equipment. Job efficiency most effect by barriers was happened during mining activity. Which means should do it for increase job efficiency is subtract the increase during mining take place. After that, then job efficiency and productivities advanced and get the plan production target. After that do improvement, so production cost become Rp. 154.326.192.958 with production cost of overburden Rp. 37.808/bcm and Rp. 106.099/ton of coal.