

Abstraction

PT. Thiess Contractors Indonesia represent company executing activity of contract peel of conclusion land;ground in PT. Arutmin Indonesia of Senakin Kalimantan South.

Pursuant to condition of actual in Pit Manggis of conclusion land;ground conducted by using 2 unit of excavator that is : Hitachi EX 3600 (3143) and Hitachi EX 3600 (3057) capacities of each are 22 m³ and 9 unit of Dump Truck with capacities 150 ton. capacities of Bucket both of appliance load the is same and appliance productivity goals load which is expected not yet reached goals that is 1318 bcm / hour.

Study taken is evaluating appliance dig - load the to obtain;get productivity picture of actual so that can know by cause not yet reached of appliance productivity load. Given the resistance or cause at front work mining hence resistance can improve;repair so that appliance efficiency load to mount and appliance productivity load to earn maximally. Pursuant to condition of December month;moon aktual 2009, effective storey;level of appliance load (Hitachi ex utilization) 3600 (3143) is 75,42 % and Hitachi ex 3600 (3057) is 75,50 . Appliance Productivity load Excavator EX hitachi 3600 (3143) is 1272,67 BCM / Hour and of EX 3600 (3057) is 1211,84 BCM / Hour.

After conducted by repair at front work mining of conclusion land;ground expected by resistance - resistance can overcome so that appliance efficiency load to mount and appliance productivity load to earn maximal with existence of repair [at] resistance, hence obtained by the following result :

1. utilization of appliance load Ex Hitachi 3600 (3143) mounting from 75,42 % becoming 79,82
2. utilization of appliance load Ex Hitachi 3600 (3143) mounting from 75,50 % becoming 81,64
3. For the EX OF Hitachi 3600 (3143) [at] combination of Dump Truck 785 C mount from 1304,97 bcm / [hour/clock] become 1422,91 BCM / Hour
4. For the EX OF Hitachi 3600 (3057) [at] Truck combination of Jungkit 785 C mount from 1314,53 bcm / [hour/clock] become 1396,79 BCM / Hour