

## Pengaruh tindakan dari identifikasi faktor resiko terhadap kinerja produktivitas alat pada tahap pekerjaan penggalian basement

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### Abstrak

The construction project have the phase that include the sub-structure and upper structure. In sub structure, it is essential that the sub structure construction, particularly in basement construction close with the earth moving operational with the specific job site conditional.

The excavation in basement construction involve in big resource in equipment and labor where the resources mainly was effected in an environmental of the project. In the environmental job site will a rises the risk factors considered in the operational. The risk factors can be the internal and external, so that the earth moving operational with hydrolic excavator and dump trucks need decision in good consideration however because of the complexity in activity properly in equipment utilization.

Learning development process to equipment productivity in earth moving and excavation operational resulting in the specific identification in consider the risk who is very unique and different from a constructing to another. The qualified identification of risk factors can be necessary in the early progress because leads in construction. Progress of excavation phase in order to get the lowest equipment cost and higher productivity can be reached.

This research describe the main risk factors effected the equipment productivity. From this step, however the actual activities in order to risk analyze is needed.