

ABSTRACT

PEATLAND FOREST FIRE VEHICLE

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Indonesia is a country rich in natural resources, one of which is the peat forest area. Peat forest itself is the most important element in the ecological cycle. Aside from being a habitat for various flora and fauna, it turns out that peatland also has an important role to regulate the surrounding waters, which has a role as an area of water absorption because it has a high absorption capacity. But recently the problem of forest fires has become a big problem for Indonesia, especially peat forest fires. the impact of the fire itself is very large ranging from material, environment, to health problems. The main factors causing forest fires in Indonesia are clearing by burning uncontrollably, causing fires to be difficult to handle. In addition, another factor that is a hindrance to the blackout process is that the fire vehicle used by the manggala agni team in handling the vehicle is not in accordance with its designation, based on the land, geographical conditions and capacity of the vehicle. Hence from this situation the manggala agni team requested to develop vehicles capable of serving in the peat forest area through PT. Pindad (Persero) which is expected to help the manggala agni team in carrying out their duties.

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