

A Study on Operational and Forest Machinery Maintenance Safety in Malaysia

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Abstract:

In Malaysia, forest work continues to be a profession with a high risk of physical accidents especially while handling the forest machinery. Occupational accidents and ergonomic problems in the forest machinery are investigated on the accident reports, interviews, and observations in Malaysian forest. There are a lot of problems caused by the forest machinery which are the risk of slipping and falling associated with climbing up to and working on machines, troublesome working postures, the temporary need for great strength in handling heavy machine parts. From the comparison, the accident rate of maintenance work of machine is higher than the operation work. It is difficult to improve the conditions and safety as a result of ethics and geographical aspects. Therefore, some solutions and rules have been taken to attain a higher level of work safety of forest machinery in Malaysia.

Key words: Safety, forest machinery, maintenance, operation, Malaysia