SUMMARY

MUHAMAD AMAR SYAKIR. E14070047. Competency Analyze of Application Occupational Safety and Health for Forestry Workers on Timber Harvesting Sector in KPH Bogor Perum Perhutani Unit III West Java and Banten. Under supervised by EFI YULIATI YOVI

Forestry work, especially in timber harvesting activities (felling, skidding, and transportation) known as one of the field work that has a high risk condition to occupational safety and health (OSH) based on the high level of accidents that occurred. Poor understanding by employers and workers on OSH protection regulations have a direct impact on the weak application on OSH standards which includes aspect of knowledge, skill, and attitudes resulted a gap between the rules applicable to the real application on the field. Therefore, this study was conducted to analyze the worker’s competency in felling, skidding, and transportation with examined the perception of workers (self assessment) based on objective assessment (control based assessment), and examined the relationship between aspects of the competency to determined aspects that need to be improved which expected to be used as input for the company in making decisions for the establishment OSH polices.

The method used to collect data that was a structured interview of respondents using the questionnaire that has been predetermined answers based on Likert scale and observation to determined the condition of the real OSH implementation on timber harvesting activities.

The research showed that analyses of data using descriptive formulas was found a negative difference between the perceptions of respondents and objective assessment which showed that the perception of respondents overestimate from control assessment. The difference was found in all aspect of competency after the Wilcoxon test showed there were significant differences between the perceptions of respondents to the assessment standard.

In this research based on the Spearman correlation test was found a significant relationship between aspects of competency. This shows that the knowledge, skills and attitude of each workers on timber harvesting sector needs to be improved to enhance the overall competency.

Keywords: timber harvesting activities, forestry workers, occupational safety and health, aspects of competency