

大客車駕駛者安全與節能駕駛行為之訪談與分析

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摘要

Bus driving is one important element in the highway transportation system. Bus operation and driving, which has been classified in the mass transit system, has gained more attention due to the promotion of energy saving in recent years. In addition, bus is one of the major sources in the fuel consumption because of its long term driving on highways. Therefore, the government should not only develop transit transportation systems but also improve the fuel usages of bus systems. On the other hand, bus driving safety has always been an important issue for the government authorities and bus company operators. This study analyzes the driving safety and fuel saving issues through a focus group deep interview for bus drivers. Results show that bus company operators usually provide safety and fuel saving training to bus drivers. Encouragement awards and punishment standards of fuel saving are also developed in most bus company. Based on the interview results, this study further analyzes the speed ranges from 63.22 KPH to 99.83 KPH with respect to various safety degrees on the freeways with a highest speed limit of 90 KPH. The speed of the most fuel saving is 67 KPH. To sum up, the best speed with safety and fuel saving is 67 KPH.

關鍵字：Bus, Safety, Fuel Saving, Driving Behavior, Speed