

Thesis Title	The Comparative Study of Decision Making to Uses the LPG as Fuel in the Personal Cars with the Benzene - used Group.
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Date of Graduate	June 6. 1986

### Abstract

This study aimed at comparing the personal differences of those who make decision to use the LPG with those who still use benzene as fuel in the cars. This study is to compare their knowledge, attitude, risk taking and thinking about their health, including the comparison their opinions about the policy of the government of using the LPG as fuel in cars.

The method of the study is surveying those opinions by

interviewing questionnaires. The samples of the study are 80 cases who use the LPG and 220 cases who use benzene in their cars. And this study determines only 7 - person cars in Bangkok.

The result of the study reveals that the personal differences about the average distance of driving per month, the payment for the fuel per month, the size of the using engine and the ages of the using engine have effected statistically significant to the differences of making decision of use the LPG as fuel in the cars.

This study also finds that those ones who use the LPG as fuel in the cars get significantly more knowledge than those who use benzene.

The group who use the LPG as fuel in the cars have healthy attitude toward using the LPG as fuel in the cars more than the benzene - used group. But this attitudinal difference are not statistically significant.

The group who use the LPG have the risk taking and think about their health concerned with using the LPG less than the group who still use the benzene as fuel in the cars significantly.

The factors differentiating the knowledge about using the LPG significantly are the sex, the age, the payment for the fuel per month and the size of the using engine.

The factors having statistically significant impacted on

the attitude of using the LPG as fuel in the cars are the education and the factors differentiating the risk taking and the thinking about health significantly are education and number of persons in the family.

The Group who use the LPG reveal that the government should promote to use the LPG as fuel in cars because of finding the gas resource in Thailand at the present time and it is much economical to use the LPG as fuel in cars. Most of the benzene - used group (51.9 %) have the same opinion as above. But the group, who disagree, (48.1 %) have some reasons that it is not safety enough to use the LPG as fuel in cars and its materials are not standardized.

The result of this study also finds that the most important cause in making decision to use the LPG as fuel in cars is to economize for a long time. But the benzene - used group still believe that using the LPG as fuel in the cars is not safety.