

Thesis Title Factors Affecting the Adoption of Grease Traps
 in Food Shops in Bangkok Metropolis

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ABSTRACT

The purposes of this research were to find out the level of adoption and to identify the personal, socio-economic and psychological factors affecting the adoption of Grease traps in various food shops in Bangkok Metropolis. Moreover, this research aimed to find out the obstacles and solutions arise from using the Grease traps of the entrepreneurs.

This research conducted by using both quantitative and qualitative approaches. The research samples consisted of 300 non-users and 10 currently users of Grease traps. The locations for this study were in the district of Bangkoknoi, Bangkokyai, Bangplad, Klongsarn and Bangsue respectively. Findings of this research could be summarized as follows:

The sampled food shop entrepreneurs had a high degree of Grease traps Adoption in the knowledge and interest stages but low degree in the decision-making stage.

Factors significantly contribute to the Grease traps knowledge and Interest adoption stages were the level of education and the influence of significant others, while the length of operating the shop, sex and age of the sampled entrepreneurs significantly contributed only in the knowledge stage.

Factors which significantly contribute solely in the interest stage were the ownership status of the shop, the perceived expenses in installing the Grease traps and the size of the shop.

The main problems found from the sampled food shops which currently using the Grease traps were the negligence in maintaining and washing the Grease traps from time to time, the poor services after selling and lack of monitoring and advising about the proper use of the Grease traps from responsible officers of Bangkok Metropolis. In addition, the cost of the Grease traps are rather high (minimum cost is 3,500 baht). This amount of money is somewhat a lot burden for the small shops that have not much daily income.

The policy implications of the research were:-

- 1) The responsible Bangkok Metropolis officers should actively advising and providing all necessary assistances to respective food shops particularly in the Adoption of the Grease traps.
- 2) The responsible Bangkok Metropolis officers should concentrate on monitor and control the Grease traps adoption continually. Moreover, the responsible agencies should also modify and enforce the related laws in order to increase the effectiveness of supporting measures.