

(Study on the Execution of Good Hygiene Practice to Different Hygiene Management Model Food Plant in Changhua between Pr

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ABSTRACT

There are over 100 cases of food poisoning each year in Taiwan, which have caused damages in economy, and also drawn wide public critics. These food poisonings are attributed to the lack of sound hygiene practice in manufacturing food handling and safety management. To ensure food safety by creating a more sanitary environment, the Department of Health promotes "good hygiene practice" (GHP) as guidelines for manufacturers. To investigate the interactions between current industrial safety management models and the promoted "good hygiene practice" (GHP), this study is using the food plants in Changhua for sample analysis. Improvement in guided industrial sanitary conditions in these manufacturers is evaluated and the study results are recommended as reference for future execution of like policies. Sample food plants in Changhua are classified based on their quality assurance certification styles, namely, HACCP, CAS/GMP and ISO. Adaptability and practicality of GHP for the plants are estimated statistically by employing "paired t-tests" to analyze the difference in the means between pro- and post-guidance. The results indicated that HACCP is the best-performed model. And the CAS/GMP system plant is prior to the ISO system plant. The independence hygiene management plant is the worst. In conclusion, the execution of GHP to all food manufacturers will ensure the maintenance of good hygiene management practice and condition.

Keywords :

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