

Abstract

The Design and Facility Management Guidelines for the Renovation of Service and Tourism Industry Center of the Air Traffic Services Project aims to study and lay down the guideline for Air Traffic Control Operation Building renovation and facilities management in order to transform the building into air traffic control training center for the project of the Service and Tourism Industry Center.

Several techniques were implemented in this survey research to collect data-surveyed physical characteristics of the building, observed the building users' behavior in making use of the areas, interviewed executives, and questioned the building users from the organization's executives who are responsible for making Air Traffic Control Training policy and plan, trainers, and trainees, administrative officers who are directly involved with the training as well as air traffic controllers. The data were obtained from purposive sample and simple random sampling. The data then were processed and analyzed by using SPSS statistic program and presented in descriptive.

From the study, it was found that workplace management arises from the need of personnel in relation to equipments, visioning, and indoor air quality. The relationship between variables is non-linear correlation and the significance levels were 0.05.

In addition, the organization's work plan and policy are important variables that affected the model of facilities management. The size of the areas, emergency plan, and the air ventilation system were the major concerns in some areas that were designed using Mixed-mode workplace.