

防火避難性能設計建築物之避難設施公共安全查核表之探討與建立

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摘要

Due to changes in the overall social environment, continuous expansion of urban, local building have developed toward the aspects of bigger areas, great scale and higher levels, so as to accommodate more population, which also have more multiple functions than ever before. Commonly, these building have been facing the lacks of freedom and flexibility due to the limitations of traditional and listing regulations and laws, that probably induces the development of architecture to slow down; consequently, the new functional regulations were executed in 2004 to supplement the old listing regulations, in addition to certain effects on anti-fire and refugee that had been achieved, the building designer may also obtain more elasticity and space to proceed their designs, as a result, such buildings with advanced designs of anti-fire and refugee have been increasing substantially.

Currently, the administrative mechanism of public safety is mainly for public building, by means of examining use conditions according to the listing provisions relating to architecture and building. There was a description in the “Conference of Building Administration of City Planning” held last year, that the restrictions for anti-fire and refugee facilities in multiple buildings can be loosened through the evaluation and audit of governmental authorities, therefore, the safety audit of multiple buildings shall not be in line with general safety audit, we get to know the existing mechanism could not realize the safety requirements effectively, hence, such measures and approaches must be studied thoroughly for physical needs.

This study firstly examined the current audit system and executing situation of them, then, analyze the relative factors of anti-fire and refugee through evaluation and verification approaches, thereby establishing the checking items and contents of public safety in a

building so as to offer useful references and suggestions for policies determination in the future.

關鍵字：Public Safety Audit of Buildings, Anti-fire and Refuge, Functional Design