



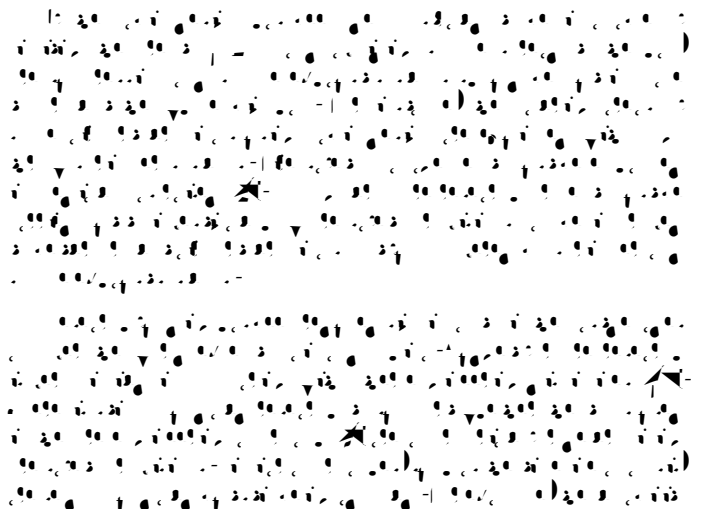
A Discussion on Possible Fire Hazards of Airport Terminals

- A normal sprinkler system might not be capable of controlling the heat release rate under $2W$.
- When sprinklers are activated, smoke and even hot steam will spread from the cabin to the outside.

In view of the above, systematic experimental studies are required to further evaluate the performance of smoke exhaust systems in cabins or big halls. The results are useful in formulating firefighting strategies for existing constructions in which a design reference with a low heat release rate was used to determine the relevant safety provisions.

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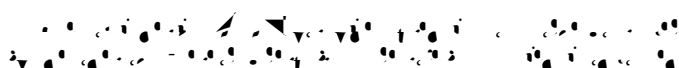
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The fire hazards of airport terminals are a complex issue that involves a variety of factors. One of the primary concerns is the presence of large quantities of flammable materials, such as fuels, oils, and plastics, which are used in the operation of aircraft and ground support equipment. Additionally, the high density of people in these facilities increases the potential for a large-scale fire incident. The design and construction of airport terminals also play a significant role in determining their fire resistance. For example, the use of fire-resistant materials and the installation of fire detection and suppression systems can help to reduce the risk of fire.

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