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Opinion Open Access

A Discussion on Possible Fire Hazards of Airport Terminals

Large scale res might occur due to high air intake rate.

- **A normal sprinkler system might not be capable of controlling the heat release rate under 2 MW.**
- **When sprinklers are activated, smoke, steam and even hot steam will spread from the cabin to the outside [3]**

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

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