

## **A Study on the Quality Control Process of Fire Extinguishing and Suppression Agents**

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There have been instances of Halon fire extinguishers being carried on board aeroplanes, which have extinguishants that do not meet the prescribed standards regarding their composition. Sub-standard extinguishants have the potential to provide inadequate fire protection capability and may present a hazard to personnel if the gases contained in the extinguisher are toxic.

This has led to Transport Canada, the Federal Aviation Administration and the United Kingdom Civil Aviation Authority requesting a study be carried out to review the procedures used in North America and Europe for the quality control of extinguishants in fire extinguishers and fire suppression systems. This presentation describes the study and summarizes the resulting recommendations to optimize the quality control processes for future consideration by the Airworthiness Authorities and industry.