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Tyco Suppression  
Systems



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# FAX BULLETIN



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## GENERAL BULLETIN NO. 4564

DATE: September 17, 2002  
TO: All Authorized CLEANGUARD® Extinguisher Distributors  
FROM: Joe Beranek, Marketing Manager – Portables  
SUBJECT: FAA Approval, FE-36™ Clean-Agent Hand Portables

**Ansul is proud to announce that CLEANGUARD® Models FE05, FE09 and FE13 meet the new Minimum Performance Standard (MPS) for Hand Held Fire Extinguishers on Civilian Transport Category Aircraft.** Extinguishers containing non-ozone-depleting FE-36™ clean agent are the only UL Listed products that are FAA approved replacements for Halon 1211 extinguishers.

The MPS has three requirements that replacements for Halon 1211 extinguishers must meet:

- Minimum rating of 5-B:C
- Pass the Seat Fire/Toxicity Test
- Pass the Hidden In-Flight Fire Test

UL witnessed the Hidden In-Flight Fire Test and extinguisher fire Rating Test. The FAA conducted the Seat Fire/Toxicity Test at the FAA William J. Hughes Technical Center. The FAA recently published these requirements in report DOT/FAA/AR-01/37 which can be obtained on the FAA Web site at [www.fire.tc.faa.gov/index.html](http://www.fire.tc.faa.gov/index.html). Scroll to 8/07/02 and click on "Reports."

CLEANGUARD extinguishers that meet the FAA requirements must be labeled with the following statement: "MEETS THE MINIMUM PERFORMANCE STANDARD FOR HAND HELD FIRE EXTINGUISHERS AS DEFINED IN REPORT DOT/FAA/AR-01/37." Ansul began using an add-on label on August 9, 2002 for the approved extinguishers: Models FE05, FE09 and FE13. The required statement will be incorporated into the nameplate immediately below the UL listing block by November and the add-on labels will be discontinued at that time.

For questions concerning this update, please contact your respective U.S. District Manager or International Area Manager, or call Ansul Technical Services at (800) 862-6785 or (715) 735-7415.