

DISCUSSION

*R. Christie*¹ (*discusser's question*)—In using the indoor atmosphere test does the author notes that gas is absorbed by the chambers at best initially to a reduced concentration. Does this affect the reproducibility of the test? Has the author tested electroplated tin or tin alloys in the H₂S/Cl test chamber?

C. Fiaud (author's closure)—Polluting gases are in fact adsorbed on the walls of the chamber in the first moments of the test, and a drop in the concentration of the gases may be established at the outlet of the chamber for a time duration that depends on the level of concentration of the gases. In the given experimental conditions, an equilibrium between inlet and outlet concentrations is generally attained 4 h after the beginning of the test. At very low concentrations of gases, the metallic samples (and occasionally the nonmetallic parts of samples) may also contribute to a decrease in the mean concentrations of the active gases in the chamber. For some reproducibility of the test, a constant sample surface/chamber volume ratio has to be maintained.

No investigations were made on tin or tin alloys.

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