

INTEROFFICE MEMORANDUM

Date: 22-Feb-1994 04:09pm  
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TO: ARISTOTLE J. LEE  
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( LEEAJ AT A1 AT ESVAX )  
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Subject: Summary of test at Exp Sta

Gentlemen, here is my view of the test summary.

TEST SUMMARY

A six in dia column was setup at the experimental station to study the affects of column foaming (flooding) vs. C-8 concentration, column temperature, and gas rate. This test work examined the following ranges:

Air flow - 36.5-52.6 ACFM

Temperature - 30-55oC

C-8 Conc - 500-2000 ppm.

The results of the test showed that foaming increased with increasing C-8 concentration, increasing gas flow, and increasing temperature. The first two conclusions were expected, but it was hoped that foaming would be reduced by increasing temperature. This latter result indicates that foaming is more dependent on surface tension rather than bubble collapse. These data do not support that increasing temperatures in the C-8 recovery scrubbers reduce column foaming. Complete test details are to be published in the Corporate Process Developement & Small Lots Manufacturing March, 1994, monthly report.

Your comments,

Roger.

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