



JEFFERSON SMURFIT CORPORATION  
D-GRAPHICS DIVISION

VIA FACSIMILE (1 page)

December 8, 1994

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RECEIVED

DEC 8 1994

Bureau of  
Air Regulation

Mr. Charles Logan  
Bureau of Air Regulations  
Division of Air Resources  
Department of Environmental Protection  
2600 Blair Stone Road  
Tallahassee, Florida 32399

Re: Temperature Rise Across D-Graphics Catalytic Oxidizer

Dear Charlie:

In our meeting on Monday, Dec. 6th; as a group, we discussed the possibility of determining lbs./hr. VOC's applied based on the resulting temperature rise across the oxidizer. Bruce Mitchell asked that we develop a curve predicting the relationship between lbs. VOC's applied and temperature rise.

As we discussed on the telephone yesterday, once we start up on 100% capture we can directly equate lbs. VOC's to temperature rise. There is also a second direct relationship; the average heat value of the material we are applying to the web. We run about 30 different of solvents and inks combinations that result in significant temperature changes. Other formulation changes are very minor. Additionally, changing ambient condition impact the amount of solvent used on the press. In our present pressroom, without air conditioning, formulation changes between afternoon and late night are typical.

Because of the variation we now experience, we cannot accurately predict temperature rise. I propose that you not address the temperature rise issue in the construction permit you are about to issue. We will continue to investigate the applicability of relating temperature rise to lbs. VOC's applied because we would like to generate an alternative to weighing all increments of material used on the press.

If you have any questions on this subject, please call me here at D-Graphics, (904) 733-4020.

Sincerely,

*Robert A. Dinehart*

Robert A. Dinehart  
Division Engineer  
Consumer Packaging Division  
Jefferson Smurfit Corporation