L. A. Hoellen - Wynnewood
J. W. Emrich - Lincolnwood
R. J. Lux - "
C. M. Kaminsky - "
H. R. Graef - "
A. J. Geib

P. ew cont.

June 28, 1971

Mr. Raymond F. Reeser
Sperry Rand Corporation
New Holland Division
3445 W. Stolley Park Road
Grand Island, Nebraska 68801

Dear Mr. Reeser:

We hope the following will be of help to you in completing the Nebraska state emission survey.

The contaminant emission from a paint operation is, of course, the total organic solvents emitted, which is assumed to be the same as the total solvents used. For the two paints you are using, 1081-9924 Dulux® enamel red and 1081-5117 Dulux® enamel yellow, the solvent used is 4.0 lb./gal. The solvent composition consists of about 60% aromatic hydrocarbons and 40% aliphatic hydrocarbons.

The proportion of the total emission to allocate to the spray booth, dip tank and drying oven depends on your particular installation. If you feel it necessary to report the emission separately for each operation, a normal split would be 85-90% of total solvent emitted at the spray booth and the balance at the oven. For a dip tank operation the division would be in the order of 75% for the dip tank and 25% for the drying oven. In addition some minor particulate emission of pigment particles is likely from the spray paint booth. The solid loading that occurs from a typical spray booth operation is 3 to 5 grains per 1,000 cubic feet of exhaust air.

I trust this information will be sufficient to complete the Nebraska Emission Survey Form. If you have further information, please do not hesitate to contact me.

Very truly yours,

William W. Miller
Pollution Control Coordinator

WWM:ps

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