

Ford Motor Company

Intra-Company Communication

May 22, 1961

Mr. J. Tennant
Safety Engineer
Ypsilanti Plant

Re: Air-borne Particulate Matter - Solvent Vapors - Mixing Room for the
Heater Core Operation - Ypsilanti Plant

The writer took samples of air-borne particulate matter and toluene solvent vapor at the above mixing room. The results were as follows:

Air-borne Particulate Matter

<u>Location</u>	<u>Results in MPPCF*</u>
Bisal conveyer	5.5
Clay hopper	5.2
Calcium hopper	1.7
Mix tank	1.3

Solvent Test

<u>Location</u>	<u>Results in PPM**</u>
Gunk cutoff	0-70
Ejection end of extruder	532

*MPPCF = Million particles per cubic foot of air.

**PPM = Parts of solvent vapor per million parts of air.

The maximum allowable concentrations for the air-borne particulate matter and toluene solvent vapors are 50 mppcf and 200 ppm. These maximums are based on an eight hour day continuous exposure.

The results obtained indicate that no excessive concentrations are present at this time.

J. C. Radcliffe, Supervisor
Industrial Safety Section

By: C. E. Plasters

mb

3007 C183

177A

PRODUCED BY FORD