

Honeywell

DECEMBER 9, 1974

CONOCO
VCM PLANT
Box 605
WESTLAKE, LA. 70669

ATTN: PAUL FETZER

DEAR MR. FETZER:

WE HAVE RECENTLY SUPPLIED SEVERAL MODEL 1000 CHROMATOGRAPHS TO YOUR PLANT WHICH ARE APPLIED FOR VINYL CHLORIDE MEASUREMENT IN AMBIENT AIR. WE HAVE SPECIFIED THE ACCURACY OF THE MACHINE TO MEET OR EXCEED THE OSHA REQUIREMENT IN A LETTER TO MR. LEON VERNON, GENERAL MANAGER, CONOCO PLASTICS, SADDLEBROOK, N.J. DATED OCTOBER 23, 1974.

THE ACCURACY OF THESE INSTRUMENTS IS UNAFFECTED BY OTHER COMPONENTS IN THE AMBIENT AIR UNLESS THESE COMPONENTS DIRECTLY INTERFERE WITH THE SEPARATION CHARACTERISTICS OF THE COLUMN OR ALTER DETECTOR SENSITIVITY.

IN THE EVENT THAT OTHER COMPONENTS IN THE AIR ARE SUSPECT OF INTERFERENCE, SUCH AS METHYL CHLORIDE, A SUITABLE SELECTION OF COLUMN CONFIGURATION AND DETECTOR SENSITIVITY MUST BE MADE TO PRESERVE THE ACCURACY OF THE INSTRUMENT.

THE ACCURACY WITHIN TOLERANCES, OF THE MODEL 1000 CHROMATOGRAPH, AS IT IS CURRENTLY APPLIED FOR VCM MEASUREMENT IN AMBIENT AIR WILL NOT BE AFFECTED BY THE FOLLOWING COMPONENTS LISTED. OF COURSE, SUBJECTING THE INSTRUMENT TO EXCESS CONCENTRATIONS OF ANY COMPONENT WILL IMPAIR THE OPERATION OF THE ANALYZER.

1. METHANE, ETHYLENE, PROPYLENE, BENZENE
2. ETHYL CHLORIDE, CHLOROBENZENE
3. 1,2 DICHLOROETHANE, 1,1 DICHLOROETHYLENE
1,1 DICHLOROETHYLENE, 1,1 DICHLOROPROPANE
DICHLOROBUTENE, CIS & TRANS 1,2 DICHLOROETHYLENE
4. CHLOROFORM, 1,1,1 TRICHLOROETHENE
1,1,2 TRICHLOROETHANE, TRICHLOROETHYLENE
5. CARBON TETRACHLORIDE, 1,1,2,2 TETRACHLOROETHYLENE,
TETRACHLOROETHYLENE

VVC 000002091

6. WATER, HYDROGEN CHLORIDE

VERY TRULY YOURS,



E. MANNO
GENERAL MANAGER
PROCESS ANALYZER CENTER

EM:PO

CC: LEON VERNON,
GENERAL MANAGER, CONOCO PLASTICS
ROBERT WALSTON, CONOCO
JOB FILE

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