

cc: W. C. Strauer

ETHYL CORPORATION

INTER-OFFICE

2260

To A. R. Choppin

ADDRESS

FROM V. L. McDearman

ADDRESS

SUBJECT Inspection and Servicing of Air Mask Filters
TEL Area

DATE Sept. 30, 1975

During October, 1974, all air mask filters in the TEL Area were inspected and serviced due to the possibility that some had been neglected in the past and maintenance records were incomplete.

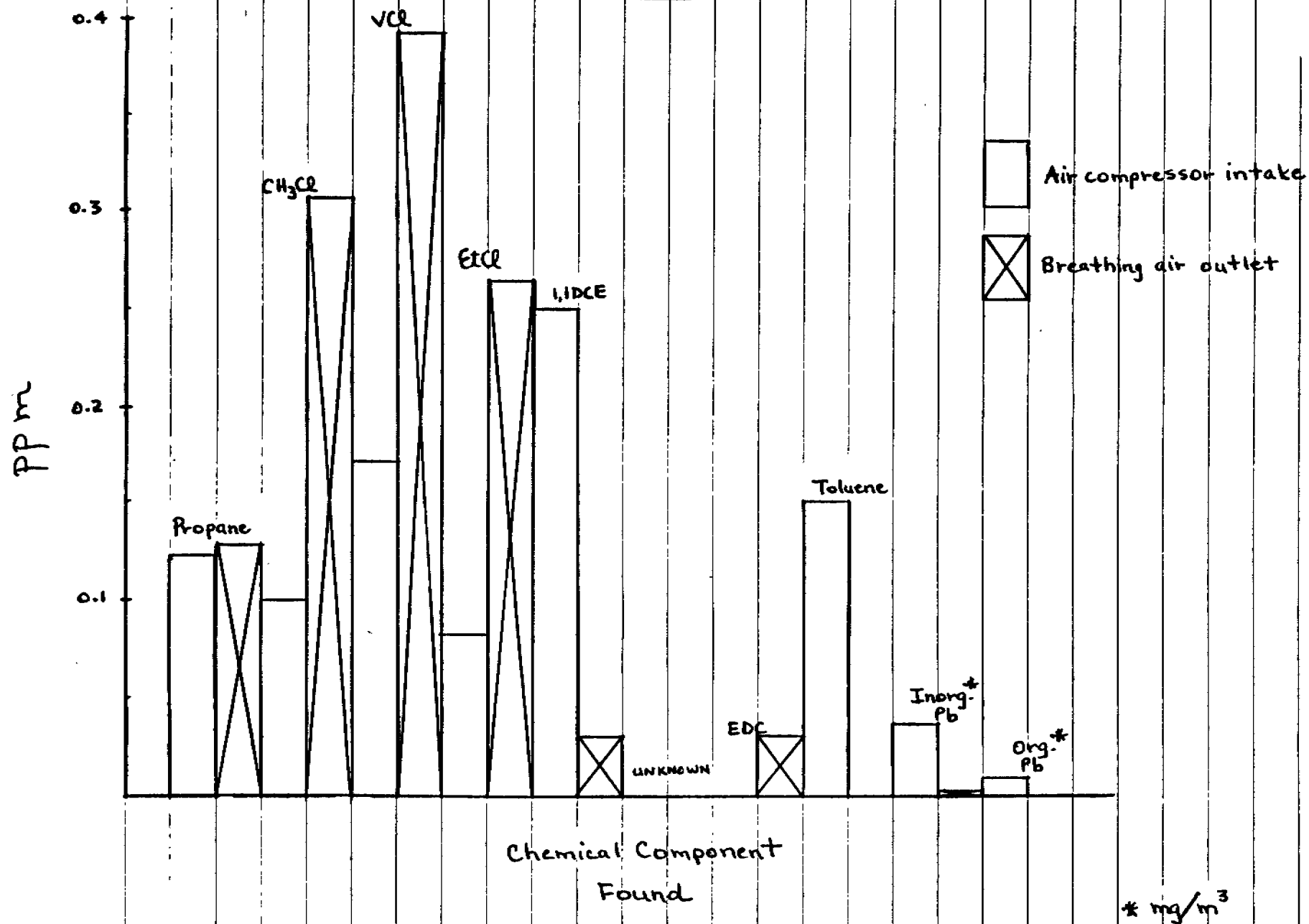
In an effort to better facilitate this routine maintenance the inspection department agreed to assign all air mask filters a number as if they were safety discs. This number, along with description, location, and servicing frequency, was entered into the computer file for safety disc inspections.

The computer will print the filters on the "due for inspection" list when they are due. The extra work foreman in our area takes pipefitters and inspects and services the filters. When inspection receives an inspection report from the foreman, the data is placed into the computer to update the file. If the filter fails to get serviced, it will be printed on the "overdue for inspection" list.

These inspection lists are printed monthly and it enables us to maintain the service on schedule. All air mask filters in the TEL Area are on the list. At Fred Hamilton's request I had the filters at tank car cleanout, hopper shop, tank car repair, welding booth at central shops, and sandblast at central shops added to this list.

We have been following this procedure since the end of 1974.


V. L. McDearman, Jr.

Analysis of Breathing Air SystemTEL Area

Air Compressor 21

Hydrocarbon

Intake Analyses

Components Found

Concentration

VCL

0.20 ppm

EDC, 1,1,1TCE

0.58 ppm

Light HC

0.44 mg/m³

CH₃Cl

0.04 ppm

VCL

0.04 ppm

CH₃CH₂Cl

0.17 ppm

EDC, 1,1,1TCE

3.24 ppm

Light HC

0.14 ~~ppm~~ mg/m³

CH₃Cl

0.03 ppm

VCL

0.09 ppm

unknown

CH₃CH₂Cl

0.03 ppm

EDC, 1,1,1TCE

0.22 ppm

Light HC

0.17 ~~ppm~~ mg/m³

CH₃Cl

0.10 ppm

VCL

0.14 ppm

CH₃CH₂Cl

0.28 ppm

CHCl₃

0.10 ppm

EDC, 1,1,1TCE

0.96 ppm

VC4632

Air Compressor 21

Hydrocarbon

Intake Analyses

Component Found

Concentration (mg/m³)

inorganic Pb

< 0.002

inorganic Pb

< 0.002

organic Pb

0.013

organic Pb

0.019

