



DOW CHEMICAL U.S.A.

82
BY

June 23, 1978

LOUISIANA DIVISION
PLAQUEMINE, LOUISIANA 70764
804 388-8000

All CPE Plant Employees and Laborers

cc: Betty Doughty
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CARBON MONOXIDE STUDY AT CPE

On May 19, 1978, a study of the carbon monoxide levels which CPE personnel may be exposed to was completed using the Model 31 Draeger pump with tubes. The only reading that exceeded the OSHA threshold of 50 ppm was obtained when a fork lift went up toward the front of the trailer, and the Draeger pump was about 6 feet away from the exhaust.

Carbon monoxide will build up in an enclosed area such as a van or trailer, therefore, we must not leave the fork lift running under these conditions.

We do not appear to have a problem with over-exposure to carbon monoxide in the CPE Plant.

Attached is a copy of the study.

R. S. Fileccia

SW

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CPE Environmental Health

shw

attachment

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CARBON MONOXIDE STUDY

May 19, 1978

Instrument: Model 31 Draeger Pump

<u>Location</u>	<u>Details</u>	<u>Results (ppm)</u>
Warehouse	No fork lift running	2
Warehouse	Fork lift running	10
In trailer (front)	After fork lift had made four trips into trailer with pump approx. 6' from exhaust	10 - 70
In trailer (middle)	Large fork lift	40
In trailer (middle to back)	Large fork lift	20 - 30
In trailer (near back end)	Large fork lift	10 - 15

GRAB SAMPLES

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6-23-78

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