

CELLOLISE

1972

Raw

CANOFIELD

SEP 22 1993

DO NOT RETURN TO THIS PACKAGE
SEE OFFICE PROFESSIONAL

DO 083960
CONFIDENTIAL



JOB NO. _____

AUTH. NO. _____

CHARGE NO. _____

FILE NO. _____

SUBJECT _____

BY VJLab Hood
Cellulose PlantDATE 11/9/72

SHEET _____ OF _____

CHECKED BY _____

ERIC,

ON Wednesday, I checked the linear wind velocity of your BR₂ hood with the hood door at various heights and also performed a smoke test. The smoke test is simply smoke emitted from a tube when actuated. The smoke allows you to view how the hood operates. You will note that the smoke lingers when the hood door is higher than 12 inches. The analysis sheet also shows recommended velocities relative to toxic contaminants vented.

Victor Jackson
November 9, 1972

DO 083961
CONFIDENTIAL



THE DOW CHEMICAL COMPANY
LOUISIANA DIVISION
RESEARCH AND DEVELOPMENT

REFERENCE NO. Env. Health FileDATE THIS REPORT 11/9/72CHARGE 95DEPT. CelluloseREPORT OF ANALYSISDESCRIPTION Lab HoodBrz Hood

DATE OF CAMP. _____

Hood Door at VARIOLLS Heights (IN)	Velocity MEASURED (FPM)		Smoke Test	Toxic CONTAMINANTS	Velocity RECOMMENDED (FPM)
6	207		OK	TLV < 1 ppm	130-150
12	38		Fair Smoke lingers slightly	TLV < 100 ppm	80-100
18	≈ 6		Fair Smoke lingers	TLV > 100 ppm	50-60
NOTE. Recommend checking hood fan and motor. Hood is rather dusty. Hood velocity is good when door is pulled down around six inches from SURFACE.					

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BY V.J.SIGNED Victor Jackson



THE DOW CHEMICAL COMPANY
RECEIVED LOUISIANA DIVISION

RESEARCH AND DEVELOPMENT

DEC 8 1972

SAFETY DEPT.

REPORT OF ANALYSIS

REFERENCE NO. Env. Health File

DATE THIS REPORT Dec. 5, 1972

CHARGE 95

DEPT. Cellulose Products

Toxic Chemicals in Atmosphere
during Reactor dumping

DATE OF SAMPLING NOV. 22, 1972

Reactor #

Components

R-10

DME	M ₁	P ₀
1094 ppm	468 ppm	17.6 ppm
518 ppm	667 ppm	58 ppm

R-10*

* - Sample caught after Reactor dumping was
in progress

DO 083963
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BY: VJ

SIGNED Victor Jackson

P.O. 240 ppm

M₁ 830 ppm

DME 830 ppm

x 4

154 x 16
131 x 16

1 cc Bag sample #2

Ucon Column?

85°C on FID

314 x 4

154 x 16

1 cc Bag sample #2

x 4 P.O.

1 cc Bag sample #1 Reactor Damping DME



THE DOW CHEMICAL COMPANY
LOUISIANA DIVISION
RESEARCH AND DEVELOPMENT

REFERENCE NO. Env. Health FileDATE THIS REPORT Dec. 5, 1972CHARGE 95DEPT. Cellulose ProductsREPORT OF ANALYSIS

Toxic Chemicals in Atmosphere
during Reactor dumping

DATE OF SAMP. Nov. 22, 1972Reactor #R-1 DR-1 B*

Components

DME	M ₁	P ₀
1094 ppm	468 ppm	17.6 ppm
518 ppm	667 ppm	58 ppm

* - Sample caught after Reactor dumping was
in progress

BY: VJDO 083966
CONFIDENTIALSIGNED Victor Jackson