

AMBIENT

AIR

DATA

ASI 00022553

A. Ambient Air

Ambient air sampling has been undertaken for vinyl chloride. Analyses are being run on a Bendix Model 2200 gas chromatograph using flame ionization detector.

As of this date, no meaningful data are available. A gas chromatograph has been purchased but we have been unable to develop data with accuracy better than  $0.25 \pm 0.25$  ppm.

Instrument manufacturer and plant technical personnel are currently investigating problem.

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B. Source Data

| <u>Vent</u>                                   | <u>Height<br/>(ft)</u> | <u>Diameter<br/>(in.)</u> | <u>Gas Flow<br/>(lbs/hr)</u> | <u>Gas Velocity<br/>(ft/sec.)</u> | <u>Temperature<br/>(°F)</u> |
|-----------------------------------------------|------------------------|---------------------------|------------------------------|-----------------------------------|-----------------------------|
| No. 3<br>(tank car)                           | 15                     | 2                         | 150                          | 12                                | 0                           |
| No's. 6 & 7<br>(heads &<br>lights<br>columns) | 198                    | 16                        | 37600                        | 106                               | 100                         |

LOADING AREA

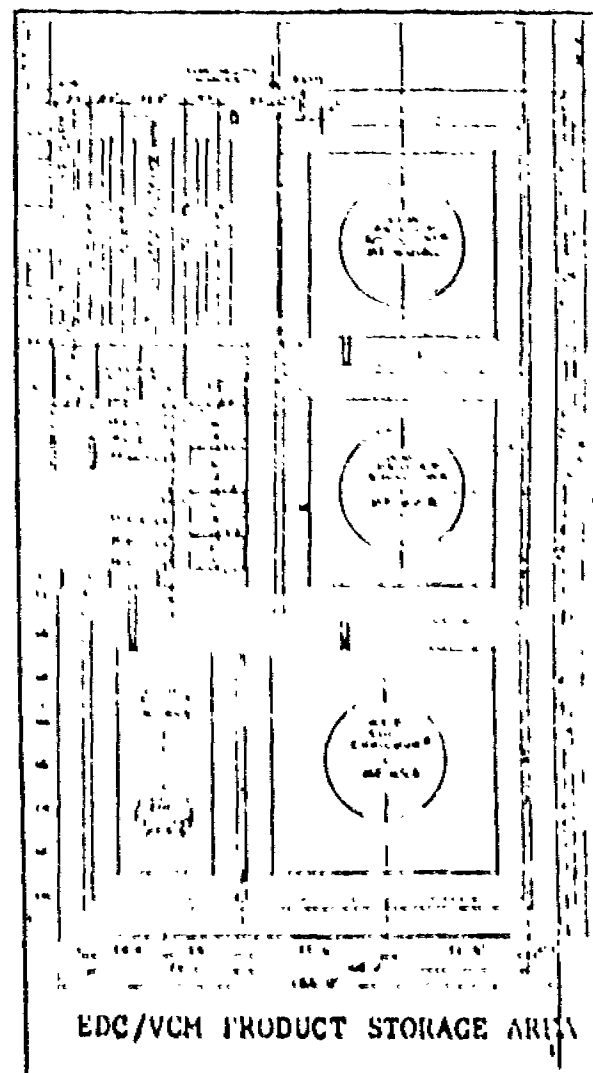
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OXYCHLOR AREA

DIRECT-CHLOR AREA

PURIFICATION AREA

EDC CRACKING AREA



EDC/VCM PRODUCT STORAGE AREA

VCM PLANT LAYOUT