



Interoffice Communication

To P. L. Fetzer
From Jay Zimmer
Date August 23, 1979
Subject Work Done in July

For Review

- 1) Continued work dealing with the deregulation of the east-end of block I. Findings show there are still problems with the monitoring system. (strip chart and computer not agreeing)
- 2) Monitored the incinerator vent stack when HCl and chlorine were detected in the air. (Light ends were being burnt at the time) Higher than normal levels of both were detected.
HCl > 2.0 ppm Cl₂ > .6 ppm
- 3) Took gas samples from the neutralization pit area to measure CO₂ levels. Concentration ranged from 260 ppm to 4900 ppm. TLV for CO₂ is 5000 ppm.
- 4) Did study on the deregulation of regulated areas #2 and #4. Regulated area #2 is the loading rack - #4 are the loading pumps. The data indicates regulated area #2 should be deregulated while regulated area #4 should not. More work will need to be done to pinpoint the location of the exposure in these areas.
- 5) Monitored sandblasting operations to measure respirable dust concentrations. Results show unusually high readings which are believed to be biased in some way. Have filters in Ponca City to run silica tests so as to determine the amount of silica dust present.
- 6) Placed sipin pumps with charcoal tubes on tops of EDC tanks to possibly deregulate them. Data generated looked good except for T-453 which has a leak that requires immediate correction.

For 8-hr samples	VCM exposure disregarding T-453	.42 ppm
	EDC exposure disregarding T-453	6.38 ppm
For 15 min samples	VCM exposure disregarding T-453	2.96 ppm
	EDC exposure disregarding T-453	5.01 ppm
- 7) Met with management to discuss closeout of chemicals and talk about de-regulation of the above regulated areas. 13 chemicals were closed out. Regulated areas will be decided upon at a later date.

Silica and ethylene oxide will be closed out later - waiting for results from Ponca City R&D.

8) Monitored SO₂ cylinder changeouts and each time only 1 ppm SO₂ was picked up on analyzer tube.

9) Monitored VCM Plant Leaks

July 9	Block I	VCM	.714 ppm	
		EDC	31.47 ppm	
July 16	Incinerator	Cl ₂	.5 ppm	
July 20	Incinerator	Cl ₂	2 ppm	In front of maintenance shop
	Vent Stack	HCl	2 ppm	
		Cl ₂	.8 ppm	From piping leading to the ve
		HCl	2.0 ppm	stack.

burning light ends during this time and SO₂ ran out.

Jay Zimmer

VVC 000007761