

BF Goodrich**INTER-ORGANIZATION CORRESPONDENCE**

TO	L. A. BENNETT	FIELD POINT OR DEPT. & BLDG. NO. AVON LAKE TECHNICAL CENTER	DATE YOUR LETTER
FROM	E. M. STRAUER	FIELD POINT OR DEPT. & BLDG. NO. AVON LAKE TECHNICAL CENTER	DATE THIS LETTER 10/21/77
SUBJECT			

B/414 AIR MONITORING REPORT 10/6 to 10/13/77

<u>DATE</u>	<u>SHIFT</u>	<u>COMMENTS</u>
10/6	1-C	During these two shifts, we ran some SA poly condenser studies using a VCI/H₂O mixture which gave many long term releases. A bad leak was found at the condenser rupture disc union. Taking exhaust hoses from other points to handle this leak only compounded the problem. Two 400 + ppm leaks, (one at the 3rd. floor VCI filter, and the other at a RTD in the condenser) were found and contained. The VCI was then polymerized and the leaks in the condenser system were repaired. <i>RMK</i> <i>CAO-UCW-JA</i> <i>FZ(2)</i> <i>DJB-PD-UC</i> <i>GW</i> <i>JP-RKS BM</i>
10/7	2-C	Exhaust hoses are still being used to clear the VCI filter leak from the building. These problems resulted in the yellow lights being on 22% of the C shift.
10/8		
10/9		A high reading of 8.5 ppm was recorded during digging out of a solid charge in a 30 gallon reactor.
10/10	5-B, 5-C	There were only two excursions on the weekend, even though two 1100 gallon charges were ran, one which was aborted early in the reaction.
10/11	6-A, B, C	Various leaks in the fifteen gallon equipment and sampling of SA 980 caused numerous short term excursions during these shifts. Wind was from the south and lab was also high. Looks like ALGCP is dumping on us. 32 excursions made this one of the poorer days of the week. 22 of these were recorded before noon while the wind was from the south bringing ALGCP ventings our way. Almost all readings were below 3 ppm and lasted only one cycle. Later in the day, the B/D and stripping of a 30 gallon charge caused some high readings. Twenty eight pounds of solids had to dug out from the poly.

NGC 23533

BUILDING 414 AIR MONITORING REPORT 10/6 to 10/13 CONTINUED:

10/12 7-A

Exhaust hose to VCI filter was removed causing some lights until it was detected.

10/13 8-A, - 8-B

B/D of a 30 gallon charge and charging of 2 - 30 gallon recipies were the only VCI related work on these two shifts. Wind was from north all shifts. 1100's were preparing for a latex charge.

15 gallons had three polys for maintenance and two with no specs.

GENERAL:

The week had some very good days, but also some very bad days. The majority of the problems were our own, with only a minority of ALGCP suspected releases. The 1100's ran charges both days on the weekend, but had only two lights. This, along with cleanup of 1100's for a latex charge, running of the VCI-free charge, and downtime on the fifteen gallons due to equipment repairs, indirectly is pointing a finger at the thirty gallon procedures being prime suspect to a high number of releases. A closer check on thirty gallon operations will be undertaken to see if we can eliminate these problems.

Ed Strauser

ES:mg

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