

DIS REQUESTED OCCUPATIONAL HEALTH FIELD INVESTIGATION REPORT

State of California
Department of Health
Health Protection System
Occupational Health Section

Investigation Identification

I.D. No.	Rpt. No.	Yr.	Reg	Dst
B 6 0 2 8 0 5 9 7 4 H			4	3

Name of Engineer
Requesting Investigation: J. Barnes

Date This Report

Mo.	Day	Yr.
0	5	2
3	7	4

3. Date Request

Mo.	Day	Yr.
0	3	1
4	7	4

Name and Address of Company

B.F. GOODRICH

2104 E. 223rd St., Long Beach

4. DIS Enforcement Action Indicated: ☐ Yes ☒ No

5. Employee Representative Present During Investigation: ☒ Yes ☐ No

6. ADVANCE NOTICE

A. Given: ☐ Yes ☒ No

B. Adversely Affected Investigation: ☐ Yes ☒ No

inding Nos.
Parentheses
Violations

HEALTH HAZARD EXPOSURES NOTED

Page 1 of 2 Pages

Finding No.
and Date(s)
Finding

9. A. Description of Exposure

B. Applicable Standard/Order

C. If Violation: Severity, Probability, and Extent

D. Location in Plant

E. Level of Exposure Found/T.W.A.

F. Abatement Time Suggested and Other Comments

(1)

A. Vinyl Chloride Monomer

3/30/74

B. Emergency Standards adopted April 23, 1974 by the Occupational Safety and Health Standards Board. TLV (c) 50 ppm Section 5210 (I)

C. No Violation

D. 1. Vinyl Chloride Reactor Building

2. Blend Tank Areas

3. Compounding Room & Warehouse

E. 1. Area Sample - NE Corner of Plant in the vinyl chloride receiving and recovery area

Grab sample bottle 19 ppm VC

Charcoal tube - 10 min sample 11 ppm

2. Reactor Floor

Grab sample bottle 1 ppm

Charcoal tube-10 min 1.6 ppm

Charcoal " " sample 1.1 ppm

3. Inside Reactor Vessel-During chipping & clean up

of reactor. Man in reactor wearing respirator, air supply type

Reactor had been opened for 45 minutes. Charcoal tube 3.5 ppm

4. Opening Reactor # 11

Grab sample bottle 1.6 ppm

Men were wearing respirators and using exhaust hose into reactor OBZ

Charcoal tube 2.2 ppm

24335009

BFG30041

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5. Below Reactor Floor during the washing down of a reactor.

OBZ Grab sample bottle 1.6 ppm

6. Break room & Lunch room - employee - OBZ - Grab 1 ppm

7. Inside Blend Tank - tank was empty Charcoal tube .6 ppm

8. Exit of Extruder -- OBZ Compound room

Charcoal tube 19.3 ppm

Bottle 6.4 ppm

9. Background -- NE corner of plant

light wind blowing .3 ppm

F. Limited samples of a homopolymer productions were taken. To completely evaluate employee exposure to vinyl chloride additional samples must be taken. Goodrich only make homopolymers and only vinyl chloride is used. At the present time the vinyl chloride is prepared from holding tanks at American Chemical. Goodrich is in the process of having holding tanks on their property. This must be also evaluated. The company has a Century Organic Vapor Analyzer to sample for VCM. In addition the company is developing an adjuncts sampling procedure which will conform with OSHA and the NIOSH directives.

24335010

BFG30042

Signature of OHS Personnel Making This Report

Date

Signature of OHS Personnel Reviewing This Report

Date