UC 149-2

UNION CARBIDE

INTERNAL CORRESPONDENCE

PLAINTIFF'S EXHIBIT
UC-224

MINING AND METALS DIVISION

P O BOX 97, NIAGARA FALLS, NEW YORK 14302

To (Name)	Mr. J.A. Riddle	**Date**	September 23, 1966
Division	UCC-Mining and Metals Division		
Location	King City, California	**Originating Dept.**	Engineering Department
		Answering letter date	
Copy to	Messrs. F.H. Larronde NY w/e S.J. Cromer NY w/e E.E. Hogan	**Subject**	Annual Dust Collection Inspection - King City

RECEIVED
SEP 27 1966
U.C.C. - MNG. & METALS DIV.
KING CITY, CALIF.

I am forwarding herewith copy of Report No. 66-T-53 covering the subject dust collection inspection at our King City plant. The recommendations of Mr. E.E. Hogan should be carried out in order to put the dust collection equipment in acceptable condition. Your attention to this will be appreciated.

A. E. Smith

AESmith/FP
Enc.

Distribution
W. [illegible] HAL
J. [illegible] JAR
K. [illegible]
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C. [illegible] EEH
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G. [illegible]
Shippers
A. A. Andrade
File JAR

Niagara Falls, New York, September 19, 1966

REPORT NO. 66-T-53

UNION CARBIDE CORPORATION
MINING AND METALS DIVISION
ENGINEERING DEPARTMENT

TRIP TO: King City, California

DATE : July 28 and 29, 1966

SUBJECT: Report on Annual Dust Collection Inspection

FROM : E. E. Hogan

Introduction

The purpose of these inspections is to assist in maintaining the dust collection systems in a condition suitable for performing the work expected of them.

Static pressure was measured with a water manometer and is reported in inches of water. Air flow was measured with a Pitot tube and is reported as average velocity or cubic feet per minute. Recommendations are made after the discussion of the system.

Summary

The collector and duct generally were in a good state and operated without any visible discharge. The duct work inside the bag packing room should be revised to lower high loss factors and prevent excessive product pickup. The hoods inside the sample preparation room are of improper design and should be replaced with grinder take-off hoods. - INEFFICIENCY DUE TO INADEQUATE FRESH AIR INLET CAPACITY

The problem of ripped and exploding bags on the bagging machine is the only major source of dust and a high volume take-off in this area, operated only during a spillage, might solve this problem.

I DON'T AGREE!

Data

Collector	SP
Inlet	-13
Outlet	- 8.2
Pressure Drop Across Collector	4.8"

Fan Discharge - 24" dia. @ .6" VP = 9700 CFM @ 3100 FPM

3" dia. duct to screw conv. @ .2" VP and -6" S.P. = 88.5 SCFM. This quantity is too high for a sealed trough conveyor and should be lowered to prevent product pickup. YES

Union Carbide trial exhibit UC-224: A. E. Smith to J. A. Riddle Forwarding Report 66-T-53 on the Annual Dust Colle... Published by AsbestosClaims.Law
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