

ETHYL CORPORATION
ENGINEERING DEPARTMENT

INFORMATION TRANSMITTAL

TO: *W. R. FULGHAM*

Address

FROM: *L. D. HARBERTSON*

Address

Date

TRANSMITTAL

Ethyl Job No. *13651*

Title: *CONTINUOUS VCL IN AIR MONITORS*

TRANSMITTAL

The following information is pertinent to this job. Please advise immediately if: 1. you have any questions, 2. it conflicts with any information supplied by others or, 3. it affects work now in progress.

ITEM	DESCRIPTION
	<i>IN REVIEWING THE INSTALLATION OF THE VCL</i>
	<i>ANALYZER IN THE PVC REACTOR BUILDING CONTROL</i>
	<i>ROOM, THE FOLLOWING STEPS ARE SUGGESTED IN ORDER</i>
	<i>TO BRING THE ELECTRICAL INSTALLATION INTO COMPLIANCE</i>
	<i>WITH OSHA REGULATIONS AND THE NATIONAL ELECTRICAL</i>
	<i>CODE.</i>
	<i>1- REPLACE EXTERNAL DISCONNECT SWITCH WITH AN</i>
	<i>EXPLOSION PROOF MODEL, CROUSE HINDS #EFSC2129</i>
	<i>OR EQUAL.</i>
	<i>2- ENCLOSE ENTIRE ANALYZER IN A SHEET METAL</i>
	<i>ENCLOSURE. SUGGEST THAT A PLEXI-GLAS WINDOW</i>
	<i>BE PROVIDED IN ENCLOSURE SO THAT SEQUENCING</i>
	<i>SWITCHES AND RECORDER CAN BE MONITORED. IT</i>
	<i>MIGHT ALSO BE DESIRABLE TO PADLOCK ENCLOSURE</i>
	<i>DOOR.</i>

cc: (1) Author
(2) Job Files
(3)

(4)
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(12)

Signature: _____

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ITEM	DESCRIPTION
	3- PURGE ENCLOSURE WITH INSTRUMENT AIR. PROVIDE
	AN ELECTRICAL INTERLOCK SO THAT ANALYZER IS
	DE-ENERGIZED WHENEVER PURGE AIR IS INTERRUPTED.
	SUGGEST USE OF AN EXPLOSION PROOF PRESSURE SWITCH
	INSTALLED IN SUPPLY LINE TO ROTAMETER, STATIC-O-RING
	# 4L-K4 OR EQUAL.
	4- PROVIDE AN ELECTRICAL DOOR INTERLOCK TO DE-ENERGIZE
	ANALYZER WHENEVER SHEET METAL ENCLOSURE IS
	OPENED, MICRO SWITCH CAT. NO. 2MLI-EI OR EQUAL

cc: (1) Author
(2) Job Files
(3) FRANK ROGERS

(4) S.N. BROWN
(5) J.C. LACOUR
(6)

(7)
(8)
(9)
(10)
(11)
(12)

Signature: L.D. Harberson

VC6624