

CONFIDENTIAL:
Subject to Protective Order
of 14th Judicial District Court
No. 91-1145

WRITTEN BY: MJF
APPROVED BY: RMC
DATE: 10-8-87
REVIEWED: 5-19-92

6904-002.SOP
TRII-VC AIR MONITOR

OPERATOR'S NAME: _____ DATE: _____

CHECK	ACTION STEPS (Capital letters) and Comments (Small letters)
_____	1. WHEN AN AIR MONITOR ALARM IS RECEIVED, THE APPROPRIATE OPERATOR OR LEAD OPERATOR IS TO GO OUT AND INVESTIGATE THE LEAK IMMEDIATELY. It is your responsibility to investigate, correct, and report on any alarms that occur. Our ambient air monitoring records are reviewed by the La. DEQ. To assure them that we are handling VC correctly, our records must be complete.
----	2. CORRECTIVE ACTION IS TO BE TAKEN TO STOP THE LEAK IF ONE IS FOUND. RESPIRATORY PROTECTION MUST BE WORN. 0 - 50 PPM COMFO-II HALF MASK 50 - 250 PPM COMFO-II FULL FACE MASK >250 OR UNKNOWN..... PPM AIR PACK OR BREATHING AIR
----	3. THE FOLLOWING INFORMATION IS TO BE NOTED IN THE LOGBOOK FOR EACH ALARM: (NOTE: STEPS A - D ARE TO BE DONE FOR EVERY ALARM NEEDING RESPONSE. REPEATED ALARMS AT THE SAME POINT ARE NOT ACCEPTABLE; USE OF AN HNU OR TIP IS REQUIRED ON REPEAT ALARMS.) (a) WHEN THE ALARM WAS RECEIVED. WRITE TIME IN MILITARY FORM. (b) WHAT MEANS OR INSTRUMENTATION WAS USED TO SEARCH FOR OR FIND THE LEAK. (c) RESULTS OF THE LEAK CHECK INCLUDING AN INSTRUMENT READING. (d) WHAT WAS FOUND. EVEN IF NOTHING WAS FOUND, WRITE "NOTHING FOUND."
	4. IF THE AIR MONITOR SYSTEM APPEARS TO BE MALFUNCTIONING ON BACK SHIFT, IMMEDIATELY CONTACT THE SHIFT SUPERVISOR TO CALL OUT THE ANALYZER GROUP TO REPAIR THE SYSTEM. IF ANALYZER IS FOUND TO BE MALFUNCTIONING MONDAY-FRIDAY BEFORE 05:00 A.M., THE ANALYZER GROUP MUST BE CALLED OUT. AFTER 05:00 A.M., THE LEAD MAN SHOULD PASS ON TO HIS RELIEF THAT THE ANALYZER GROUP SHOULD BE CALLED OUT AT 07:30 A.M.

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- 5. THE LEADMAN IS RESPONSIBLE FOR CHECKING THE SHIFT REPORTS AND DAILY REPORTS. RESPONSE TO ALARMS ARE TO BE IMMEDIATELY. EACH ALARM ON THE REPORT SHOULD CONTAIN A PHRASE STATING SO. AN EXAMPLE OF THIS IS "OPERATOR CHECKED AT ALARM TIME..." MAKE EVERY EFFORT TO CHECK THE ALARM AS SOON AS POSSIBLE. IF FOR SOME REASON WE ARE UNABLE TO DO SO, NOTE AS SUCH AND GIVE A REASON. THE REMAINDER OF THE RESPONSE SHOULD CLEARLY STATE WHAT WAS FOUND AND WHAT CORRECTIVE ACTION WAS TAKEN. EXAMPLES OF THIS ARE: "...CHECKED WITH LEAK-DETEK, FOUND A PLUG LEAKING ON FT-141, TIGHTENED IT IP AND THE LEAK STOPPED."...CHECKED WITH HNU AND FOUND NOTHING.
- 6. IF THE RESPONSE IN THE LOGBOOK IS INCOMPLETE OR MISSING. THE LEAD MAN IS RESPONSIBLE FOR TRACKING DOWN THE ANSWERS. WRITE NOTE IN THE APPROPRIATE LOGBOOKS IF NECESSARY.
- 7. TRI-11 MONITORING POINTS ARE:
1. NW OF THE VC DOPP KETTLES
 2. SE OF THE QUENCH TOWER
 3. SOUTH OF THE QUENCH LIQ. PUMPS
 4. NW OF FURNACE FEED DRYERS
 5. WEST OF THE VC-HCL STILL
 6. NW OF THE VC-HCL REFLUX TANK
 7. SE OF THE VC STRIPPER REFLUX TANK
 8. SW OF THE CATALYST POT
 9. NW OF THE DCE REACTOR PUMPS
 10. IN CONTROL ROOM LAB
 11. NEAR THE PROCESS SUMP

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