

LEAK DETECTION AND ELIMINATION PROGRAM

ABERDEEN PVC PLANT

H. ACTION PLAN FOR LEAK ELIMINATION

The presence of a leak, as detected by the Honeywell Process Chromatographs will activate a reporting, leak search, leak identification, and leak elimination program.

If a vinyl chloride process leak occurs, it will be detected and defined as indicated in Section I. The existence of the leak will generate the following sequence of events.

1. The Operator will record the items (1), (2), (3), (4) and (5) on the attached Leak Detection Reporting Form.
2. The Lead Operator in the area will contact the Shift Supervisor and give him the information that a leak exists.
3. The Operator or Shift Supervisor will then use the portable hydrocarbon detector to go to the area to pinpoint the location of the leak. This person is to wear appropriate personnel protective equipment consistent with plant safety rules.
4. When the leak is pinpointed, immediate action will be taken, if possible, to eliminate the source of the emission. In any case, item (6) is to be completed on the Leak Detection Reporting Form.
5. If the leak is eliminated, the Shift Supervisor is to verify this at item (7). The Operations Supervisor should verify this in item (9). The Operator and Shift Supervisor should initial the report under (10). The report is then to be properly filed.
6. If the Operator cannot eliminate the leak source, the Shift Supervisor is to inspect the problem and fill out item (7). If the Shift Supervisor corrects the leak, the Operations Supervisor is to verify under item (9) and the report is to be filed.
7. If the Shift Supervisor cannot correct the leak, he is still to complete item (7). He is then to generate an Emergency (E) Maintenance Work Order to correct the leak source.
8. When the maintenance work is completed, the Shift Supervisor is to verify under item (8).
9. The Operations Supervisor is to verify this in item (9). The report is to be initialed in item (10) and then appropriately filed.
10. Leak Reporting Forms are to be available at each Honeywell Chromatograph location. The reports when completed will be kept by the Process Engineering Technician. These files will be kept for a minimum of two years.

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LEAK DETECTION REPORTING FORM

ABERDEEN PVC PLANT

1. HONEYWELL CHROMATOGRAPH NO. _____

2. DATE _____

3. TIME _____

4. MONITORING POINT WITH HIGH READINGS _____

5. READINGS, PPM _____

6. OPERATOR ACTION OR
RESULT _____

7. SHIFT SUPERVISOR ACTION OR
RESULT _____

8. MAINTENANCE ACTION OR
RESULT _____

9. PORTABLE DETECTOR READING AFTER LEAK
REPAIRED, PPM _____

10. VERIFIED BY _____

11. OPERATOR _____ SHIFT SUPERVISOR _____

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