

XIX. STATEWIDE CONTROLS FOR CONDENSATE TANKS

XIX.A. APPLICABILITY

ALL NEW OR MODIFIED CONDENSATE TANKS STATEWIDE, HAVING ACTUAL UNCONTROLLED VOC EMISSIONS GREATER THAN OR EQUAL TO 5 TONS PER YEAR ARE SUBJECT TO THE FOLLOWING REQUIREMENTS.

XIX.B. DEFINITIONS

THOSE DEFINITIONS OF REGULATION 7, SECTION XII.B., APPLY TO THIS SECTION XIX.

XIX.C. EMISSION CONTROLS

XIX.C.1. BEGINNING, FEBRUARY 1, 2009, OWNERS OR OPERATORS OF ANY ATMOSPHERIC CONDENSATE STORAGE TANK AT EXPLORATION AND PRODUCTION SITES SERVING WELLS THAT ARE DRILLED, RE-COMPLETED, RE-FRACTURED OR OTHERWISE STIMULATED AFTER FEBRUARY 1, 2009, SHALL COLLECT AND ROUTE EMISSIONS TO, AND OPERATE, AIR POLLUTION CONTROL EQUIPMENT, EQUIPPED WITH AN AUTO-IGNITER, THAT HAS A CONTROL EFFICIENCY OF AT LEAST 98% ON SUCH TANKS DURING THE FIRST 90 DAYS AFTER THE DATE OF FIRST PRODUCTION OF THE NEWLY DRILLED, RE-COMPLETED, RE-FRACTURED OR OTHERWISE STIMULATED WELL. AFTER THIS 90-DAY PERIOD, THE AIR POLLUTION CONTROL EQUIPMENT MAY BE REMOVED IF UNCONTROLLED ACTUAL EMISSIONS PROJECTED FOR THE FIRST TWELVE MONTHS BASED ON DATA FROM THE FIRST 90 DAYS OF OPERATION FROM THE CONDENSATE STORAGE TANK WILL BE LESS THAN 5 TONS PER YEAR. IF THE OWNER OR OPERATOR DETERMINES THAT PROJECTED EMISSIONS OF VOCs WILL BE LESS THAN 5 TONS PER YEAR, THE OWNER OR OPERATOR SHALL NOTIFY THE DIVISION OF THIS DETERMINATION IN WRITING AND INCLUDE AN EXPLANATION OF THE METHODOLOGY USED TO MAKE THIS DETERMINATION.

XIX.C.2. BEGINNING, FEBRUARY 1, 2009, ALL NEW AND MODIFIED ATMOSPHERIC STORAGE TANKS HAVING PROJECTED, OR ACTUAL, UNCONTROLLED ANNUAL EMISSIONS EQUAL TO OR GREATER THAN APEN REPORTING THRESHOLDS MUST CONTROL 98% OF UNCONTROLLED ACTUAL EMISSIONS UPON START-UP. THIS 98% CONTROL REQUIREMENT ALLOWS FOR 100 HOURS OF DOWNTIME.

XIX.D. MONITORING

THE OWNER OR OPERATOR OF ANY CONDENSATE STORAGE TANK THAT IS BEING CONTROLLED PURSUANT TO THIS SECTION XIX.D. SHALL INSPECT OR MONITOR THE AIR POLLUTION CONTROL EQUIPMENT AT LEAST WEEKLY TO ENSURE THAT IT IS OPERATING. THE INSPECTION SHALL INCLUDE THE FOLLOWING, FOR:

XIX.D.1. NEW AND MODIFIED TANKS SUBJECT TO SECTION XII.C.1.A. SHALL INSTALL AND OPERATE AN AUTO-IGNITOR UPON START-UP AND CHECK THAT THE AUTO-IGNITER IS PROPERLY FUNCTIONING BY EITHER VISIBLE OBSERVATION OR OTHER MEANS APPROVED BY THE DIVISION.

XIX.D.2. ALL TANKS SUBJECT TO SECTION XII.C.2.A. THAT HAVE INSTALLED COMBUSTION DEVICES SHALL:

XIX.D.2.A. INSTALL AND OPERATE AN AUTO-IGNITOR AND ELECTRONIC SURVEILLANCE SYSTEM UPON STARTUP;

XIX.D.2.B. VISUALLY CHECK FOR THE PRESENCE OR ABSENCE OF SMOKE AND IF ANY SMOKE IS DETECTED, THE SOURCE SHALL COMPLETE AN EPA REFERENCE

METHOD 22 OBSERVATION THAT SAME DAY, AND DOCUMENT DATE AND DESCRIPTION OF CORRECTIVE ACTIONS TAKEN TO ABATE THE SMOKE, UNTIL SMOKE IS NO LONGER DETECTED. IF THE SMOKE IS NOT ABATED WITHIN TWO DAYS FROM THE METHOD 22 OBSERVATION, THE SOURCE SHALL COMPLETE A REFERENCE METHOD 9 OBSERVATION WITHIN FIVE DAYS FROM THE METHOD 22 OBSERVATION, AND CONTINUE TO DOCUMENT DATE AND DESCRIPTION OF CORRECTIVE ACTIONS TAKEN TO ABATE THE SMOKE, UNTIL SMOKE IS NO LONGER DETECTED;

XIX.D.3.C. CHECK THAT THE THIEF HATCH IS CLOSED AND LATCHED;

XIX.D.3.D. CHECK THAT THE VALVES FOR THE PIPING FROM THE CONDENSATE TANK TO THE AIR POLLUTION CONTROL EQUIPMENT ARE OPEN; AND

XIX.D.3.E. FOR VAPOR RECOVERY UNITS, CHECK THAT THE UNIT IS OPERATING AND THAT VAPORS FROM THE CONDENSATE TANK ARE BEING ROUTED TO THE UNIT.

XIX.E. RECORDKEEPING AND REPORTING

THE OWNER OR OPERATOR OF ANY CONDENSATE STORAGE TANK THAT IS BEING CONTROLLED PURSUANT TO THIS SECTION XIX.C. SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS UPON STARTUP.

XIX.E.1. THE AIRS NUMBER ASSIGNED BY THE DIVISION SHALL BE MARKED ON ALL CONDENSATE STORAGE TANKS REQUIRED TO FILE AN APEN.

XIX.E.2. IF AIR POLLUTION CONTROL EQUIPMENT IS REQUIRED TO COMPLY WITH SECTION XII.D. VISIBLE SIGNAGE SHALL BE LOCATED WITH THE CONTROL EQUIPMENT IDENTIFYING THE AIRS NUMBER FOR EACH CONDENSATE STORAGE TANK THAT IS BEING CONTROLLED BY THAT EQUIPMENT.

XIX.E.3. EACH OWNER OR OPERATOR SHALL, AT ALL TIMES, MAINTAIN A SPREADSHEET OF INFORMATION DESCRIBING THE AFFECTED OPERATIONS, THE AIR POLLUTION CONTROL EQUIPMENT BEING USED, AND THE EMISSION REDUCTIONS ACHIEVED, AS FOLLOWS:

XIX.E.3.A. THE SPREADSHEET SHALL LIST ALL CONDENSATE STORAGE TANKS SUBJECT TO THIS SECTION XII BY NAME AND AIRS NUMBER, AND SHALL LIST THE PRODUCTION VOLUMES FOR EACH TANK. THE SPREADSHEET SHALL LIST THE MOST RECENT MEASUREMENT OF SUCH PRODUCTION AT EACH TANK, AND THE TIME PERIOD COVERED BY SUCH MEASUREMENT OF PRODUCTION.

XIX.E.3.B. THE SPREADSHEET SHALL LIST THE EMISSION FACTOR USED FOR EACH TANK. THE EMISSION FACTORS SHALL COMPLY WITH SECTION XII.C.3.

XIX.E.3.C. THE SPREADSHEET SHALL LIST THE LOCATION AND CONTROL EFFICIENCY VALUE FOR EACH UNIT OF AIR POLLUTION CONTROL EQUIPMENT, AND SHALL IDENTIFY THE TANKS BEING CONTROLLED BY EACH BY NAME AND AIRS NUMBER.

XIX.E.4. BEGINNING FEBRUARY 1, 2009, EACH OWNER OR OPERATOR SHALL, AT ALL TIMES, TRACK THE REDUCTIONS IN EMISSIONS OF VOCs ON A MONTHLY BASIS, AND OTHER INFORMATION AS FOLLOWS:

XIX.E.4.A. THE SPREADSHEET SHALL LIST THE PRODUCTION VOLUME FOR EACH TANK, EXPRESSED AS A MONTHLY AVERAGE BASED ON THE MOST RECENT MEASUREMENT AVAILABLE. THE MONTHLY AVERAGE SHALL BE CALCULATED BY AVERAGING THE MOST RECENT MEASUREMENT OF SUCH PRODUCTION, WHICH

MAY BE THE AMOUNT SHOWN ON THE RECEIPT FROM THE REFINERY PURCHASER FOR DELIVERY OF CONDENSATE FROM SUCH TANK, OVER THE TIME SUCH DELIVERED CONDENSATE WAS COLLECTED. THE MONTHLY AVERAGE FROM THE MOST RECENT MEASUREMENT WILL BE USED TO ESTIMATE MONTHLY VOLUMES OF CONTROLLED AND UNCONTROLLED ACTUAL EMISSIONS FOR ALL WEEKS FOLLOWING THE MEASUREMENT UNTIL THE NEXT MEASUREMENT IS TAKEN.

XIX.E.4.B. THE SPREADSHEET SHALL SHOW THE TOTAL MONTHLY UNCONTROLLED ACTUAL EMISSIONS AND THE TOTAL MONTHLY CONTROLLED ACTUAL EMISSIONS PER INDIVIDUAL SUBJECT TANK.

XIX.E.4.C. THE SPREADSHEET SHALL SHOW THE TOTAL MONTHLY PERCENTAGE REDUCTION OF EMISSIONS PER INDIVIDUAL SUBJECT TANK.

XIX.E.4.D. MONTHLY RECORDS SHALL BE MAINTAINED OF ANY SHUTDOWN OF AIR POLLUTION CONTROL EQUIPMENT, AND THE SPREADSHEET SHALL ACCOUNT FOR SUCH SHUTDOWN IN THE MONTHLY EMISSION REDUCTION TOTALS. THE NOTATIONS SHALL INCLUDE THE DATE, TIME AND DURATION OF ANY SCHEDULED SHUTDOWN. FOR ANY UNSCHEDULED SHUTDOWN, RECORDS SHALL BE MAINTAINED OF THE DATE AND TIME THE SHUTDOWN WAS DISCOVERED AND THE DATE AND TIME THE AIR POLLUTION CONTROL EQUIPMENT WAS LAST OBSERVED TO BE OPERATING.

XIX.E.4.E. THE SPREADSHEET SHALL BE MAINTAINED IN A MANNER APPROVED BY THE DIVISION AND SHALL INCLUDE ANY OTHER INFORMATION REQUESTED BY THE DIVISION THAT IS REASONABLY NECESSARY TO DETERMINE COMPLIANCE WITH THIS SECTION XII OF THE REGULATION.

XIX.E.4.F. AN UP-TO-DATE SPREADSHEET SHALL BE PROMPTLY PROVIDED BY E-MAIL OR FAX TO THE DIVISION UPON ITS REQUEST. THE U.S. MAIL MAY ALSO BE USED IF ACCEPTABLE TO THE DIVISION.

XIX.E.4.G. FAILURE TO PROPERLY INSTALL, OPERATE, AND MAINTAIN AIR POLLUTION CONTROL EQUIPMENT AT THE LOCATIONS INDICATED IN THE SPREADSHEET SHALL BE A VIOLATION OF THIS REGULATION.

XIX.E.4.H. IN ADDITION, EACH OWNER OR OPERATOR SHALL MAINTAIN RECORDS OF THE:

XIX.E.4.H.(i) MONITORING RELATED INSPECTIONS REQUIRED PURSUANT TO SECTION XIX.D. SHALL INCLUDE THE TIME AND DATE OF THE INSPECTION, THE PERSON CONDUCTING THE INSPECTION, A NOTATION THAT EACH OF THE CHECKS REQUIRED UNDER SECTION XIX.D. WERE COMPLETED, A DESCRIPTION OF ANY PROBLEMS OBSERVED DURING THE INSPECTION;

XIX.E.4.H.(ii) DATE OF ANY WELL DRILLING, RECOMPLETION, REFRACTURING OR STIMULATION, OR OTHER DETERMINATIONS REGARDING CONTROL REQUIREMENT APPLICABILITY PURSUANT TO SECTION XIX.C.; AND

XIX.E.4.H.(iii) DATE, TIME, AND DURATION OF ANY SHUTDOWN OF AIR POLLUTION CONTROL EQUIPMENT.

State-wide Condensate Tanks

XIX.E.5. A COPY OF THESE RECORDS SHALL BE RETAINED FOR THREE YEARS. THE RECORDS MAY BE RETAINED ELECTRONICALLY, HOWEVER, ANY LOSS OF DATA MAY BE TREATED BY THE DIVISION AS IF THE DATA WERE NOT COLLECTED.