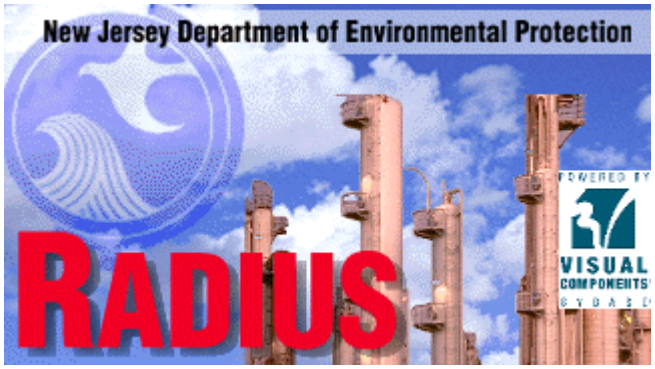
RADIUS 3.5
WHAT'S NEW



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1. EMISSION STATEMENTS – UPDATES TO ADMINISTRATIVE CHECK SCREEN

RADIUS 3.5 contains an enhanced administrative check. The following new items are flagged as "errors" and must be corrected prior to submitting the emission statement:

- Missing North American Industry Classification System (NAICS) code in Facility Profile (General) screen;
- Missing NOx emissions data in the "tons/season" columns of the Emission Statement screen/Emissions tab;
- 4-level Source Classification Code (SCC) is not provided for each Operating Scenario/BPOS Step;
- SCC code provided is invalid;
- Sum of the 4 Quarterly Throughput values in the Emission Statement screen, General tab, does not equal 100%; and
- All fields in certain Source Details screens (accessed via Emissions Statement screen, Emissions tab, Source Details button) are not completed, and <u>all</u> of the following are true:
    - Source is in an emission unit;
    - Operating Scenario NJID > 0;
    - Equipment for that operating scenario is a combustion source; and
    - If the operating scenario has become active, <u>none</u> of the following boxes are checked off in the Emission Statement screen, General tab: Source Did Not Operate, This Source No Longer Exists (Mark for Deletion); or The Source Has No Reportable Emission for <year>.

2. EMISSION STATEMENTS – CALCULATING NOX TONS/SEASON EMISSIONS FOR BATCH PROCESSES

RADIUS 3.5 automatically calculates a value for the NOx (Total) 'Tons/Season' field for Batch Processes. The value is calculated by multiplying the currently calculated annual value by (5/12).

3. EMISSION STATEMENTS – CHANGES TO QUARTERLY THROUGHPUT FIELDS

The following features related to the Quarterly Throughput fields (located in the Emission Statement screen, General tab) are changed in RADIUS 3.5:

- Decimal values can no longer be entered in these fields (decimal values can continue to be displayed in old documents, but never entered in new documents);
- If the Did Not Operate checkbox is checked off, any values in these fields will be erased, and the fields themselves will be disabled;
- Enhanced validation on these fields ensures that the sum of the values Q1 + Q2 + Q3 + Q4 = 100% upon save/exit; and
- Generating a new emission statement document using any of the following functions will transfer integer values into these fields: File\Save As, Tools\Merge Applications, Tools\Convert Permit Application, and Tools\Emission Statement\Save As With Different Year. This means that non-integer values will have the decimals trimmed (not rounded) so that an integer is loaded into the new document.

4. EMISSION STATEMENTS – CHANGES TO OPERATING TIME FIELD

RADIUS 3.5 has new data validation in the 'Operating Time/Hours' column for the 'Entire Year of <year>' row. This field is located in the Emission Statement screen, Process tab. Specifically, only values from 0 to 8760 will be allowed in this field.

5. EMISSION STATEMENTS AND AIR PERMITS – NAICS FIELD (ENHANCED DATA VALIDATION)

RADIUS 3.5 has enhanced data validation associated with the NAICS field in the Facility Profile (General) screen.

RADIUS will delete invalid NAICS codes from a file if any of the following commands are used: File\Save As, Tools\Merge Applications, Tools\Convert Permit Application, and Tools\Emission Statement\Save As With A Different Year

The Emission Statement program requires facilities to supply the NAICS code for the facility. Failure to provide this data will cause an error in the Administrative Check (see Item 1, above).

The Air Permitting program does not require completion of the NAICS field, but the enhanced data validation described above applies to permit applications as well.

6. Emission Statements and Air Permits – Removal of Primary and Secondary SIC Fields

The Standard Industrial Classification (SIC) system has been replaced by the North American Industry Classification System (NAICS). Accordingly, the Primary and Secondary Standard Industrial Classification (SIC) fields from the Facility Profile (General) screen of RADIUS 3.5.

7. Emission Statements and Air Permits – SCC Fields (Enhanced Data Validation)

RADIUS 3.5 has enhanced data validation associated with the Source Classification Code (SCC) field in the Emission Unit/Batch Process Inventory screen (Emission Unit Operating Scenario and BPOS Steps tabs). Users entering an SCC code must now enter the full 4-level SCC code in that field. 1-, 2-, and 3- level SCC codes are considered invalid data and will not be saved. Please visit http://www.state.nj.us/dep/aqm/es/scc.pdf for a complete list of valid SCC codes.

RADIUS will delete invalid SCC codes from a file if any of the following commands are used: File\Save As, Tools\Merge Applications, Tools\Convert Permit Application, and Tools\Emission Statement\Save As With A Different Year.

The Emission Statement program requires facilities to supply at least one SCC value for each Operating Scenario/BPOS Step. Failure to provide this data will cause an error in the Administrative Check (see Item 1, above).

The Air Permitting program does not require completion of the SCC fields, but the enhanced data validation described above applies to permit applications as well. Users supplying SCC data must ensure that the full 4-level code is provided.