

Case Study: Title V Air Permit Recordkeeping System

Lumbermill: Southeastern U.S.

The SingleClick® Air Permit Recordkeeping System (APR) has allowed a lumbermill to overcome non-compliance problems by managing the conditions of its Title V Air Permit.

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Struggling with non-compliance and maintaining a staff with little knowledge of air permit conditions, a lumbermill recently realized that it needed help when a Title V Air Permit was on the way. The mill was one of four lumbermills owned and operated by the same company. The company management knew that liability can be significant for companies operating under Title V permits and therefore they wanted to ensure that the facility would maintain compliance with the new permit. In an effort to achieve this compliance, the lumbermill turned to the expertise of SingleClick Co. and Conversion Technology Inc. (CTI).

These two companies provided the lumbermill with a solution to its dilemma in the form of the SingleClick® Title V Air Permit Recordkeeping System (APR). The SingleClick® System is an electronic application that manages the recordkeeping needs of facilities with Title V air permits. SingleClick's experienced engineers visited the lumbermill to review the facility and its Title V permit. Determining the mill's specific needs. A custom system was then built specifically for the company to satisfy all conditions of the air permit.

The lumbermill's requirements included emission limits for particulate matter, carbon dioxide, and nitrogen oxide, continuous monitoring for scrubbant flow rates and pressure drops, daily visual emission checks, weekly cyclone and multiclone inspections, weekly baghouse preventive maintenance checks, fugitive dust suppression actions, fuel usage monitoring, and production monitoring. Even without chemical usage that would require monitoring of VOC and HAP emissions, clearly the facility's recordkeeping responsibility is still extensive. Using the SingleClick® APR, the lumbermill has found a way to manage all of these required records.

The networkable APR allows facilities to choose how they prefer to maintain Title V compliance, with one person in charge or as a team with many employees involved. The lumbermill has chosen the team approach. While the environmental, health, and safety (EHS) coordinator ultimately handles system responsibility, many of the necessary tasks are delegated among facility employees. The inspection and monitoring results are entered into the user-friendly system as they are collected. The EHS coordinator oversees the system, using the Compliance Schedule to determine when each task needs to be completed and when each report needs to be submitted. When report submission is necessary, all of the data is already logged and organized and can easily be placed onto the required forms and sent to the appropriate regulatory agencies.

Once a disorganized burden, now Title V compliance has become standard at the lumbermill. Compliance issues are managed with minimal effort by the facility personnel, and a staff that once felt unqualified and uncomfortable maintaining air permit compliance is now confidently using the SingleClick® APR to manage the Title V permit at the mill.

Final Analysis: A Title V Air Permit Recordkeeping System provides a solution to organization difficulties in handling permit conditions. SingleClick® has designed an easy way for facilities to maintain Title V compliance.

The Permit	Emission Units (2)	Sampling / Measurements (27)	Facility Information (29)
Location of Records (28)	Compliance Schedule (30)	Compliance Limitation (31)	Recordkeeping Responsibility (32)

All records should be retained for at least five years following the day of record.
(Conditions 6.1.1, 6.1.6, 6.2.2)

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The recordkeeping required by the Title V Air Permit can be managed starting from one user-friendly main screen, pictured here.



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