

Carbon Drum Reduction Initiative

Hydrite's Cottage Grove location has a site-wide initiative to minimize the use of carbon drums as a form of emissions control. Emissions are controlled from tanks during working conditions, such as loadouts to or from tanker trucks, and during daily activity. Activated carbon becomes saturated and requires labor for replacement and disposal, otherwise emissions have the potential to escape to the environment. We are committed to 1) replace them with more efficient technologies, 2) use more efficient technologies on new projects, and 3) reduce carbon consumption when carbon is the only option.



Storage tanks where carbon drums are often used to control emissions

In 2020, 10 carbon drums were removed from service resulting in a reduction in the potential of 1,760 pounds of activated carbon needing to be handled and disposed of in the future. Since 2014, 63 drums were also removed from service and control was replaced by a combustion device, like a thermal oxidizer, which increases emissions control from 85% to 98%, or vapor balance, which works to displace vapors and avoids the use of carbon.

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