

CARBON SATURATION INDICATOR

For Odor Control Systems



CALGON CARBON CORPORATION

Description

Calgon Carbon Corporation has developed this unique Carbon Saturation Indicator as a monitoring device to compliment odor control carbon adsorbers. The Carbon Saturation Indicator provides a simple and inexpensive method to determine when our activated carbon needs to be replaced.

Similar to a litmus test, this device indicates when volatile organics have saturated the activated carbon bed and breakthrough has begun. When the carbon can no longer adsorb the organics and hydrogen sulfide, the media in the indicator changes color from purple to brown. This indicator is a qualitative test for the presence of organic compounds and hydrogen sulfide.

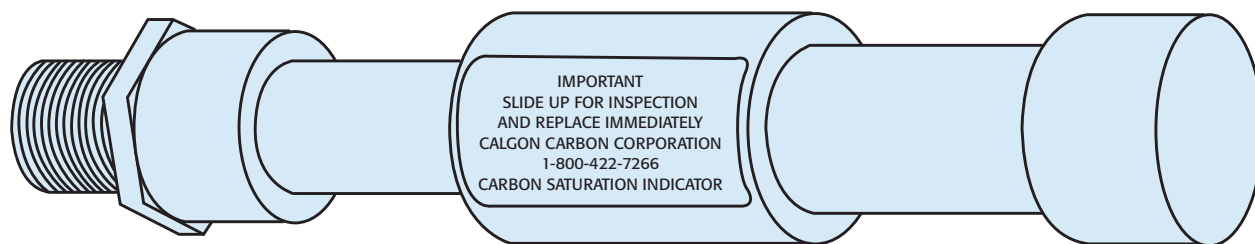
The exterior cover of the Saturation Indicator houses the clear internal cylinder which contains the media and protects it from ultraviolet light and premature contamination.

Calgon Carbon's Saturation Indicator is a cost effective approach for monitoring VOC and hydrogen sulfide breakthrough where sophisticated equipment is too expensive or impractical.

Installation on a carbon adsorption system

- Remove the threaded cap from the bottom of the indicator
- Remove the 3/4" threaded plug from the drum lid and thread the indicator into the opening
- Remove the green sealing tape from the top and bottom of the indicator
- Lift the protective cover for inspection and replace (leave the protective cover down in between inspections)

The indicator should be checked as frequently as the particular application of the adsorber requires with draeger tube readings or other analytical methods.



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