

CARBON ADSORBER

METHOD OF ABATEMENT

A Carbon Adsorber is a type of pollution control equipment that is used to abate Volatile Organic Compounds (VOCs) in low concentration gas streams. The gas flows through an activated carbon bed that traps the VOC chemical on its surface. Various types of activated carbon are often used in adsorption systems. The carbon is thermally or chemically activated, with the objective of providing a large surface area. One way of considering carbon's potential is to consider that 1 pound of carbon has more than 100 acres of surface, which enables activated carbon to have the tremendous ability to adsorb certain VOCs.



ADVANTAGES

- Handles streams with varying VOC concentrations
- Accepts streams with variable flow rates
- No onsite chemical storage
- Lower maintenance costs
- Carbon has tremendous adsorption capability
- High DRE capabilities
- Custom built, turnkey systems
- Our In-house produced control panels set us apart!
- UL Rated
- Remote access for monitoring and controls
- Remote service support