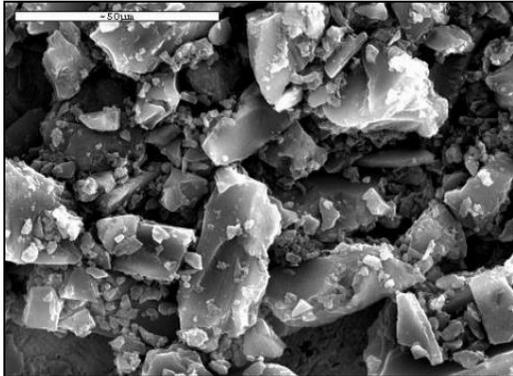


Activated Carbon Supply and Changeout Services

Nexo Solutions provide consulting, technology and solutions for the process industry worldwide. Activated Carbon beds are often a neglected and misunderstood piece of process equipment in an amine unit. An optimized activated carbon bed is critical for ensuring unit performance by soluble contaminant removal.



Activated Carbon is Capable of Removing:

- Soluble contaminants in the process solvents
- Surfactants and foam precursors (corrosion inhibitors and others)
- Dissolved hydrocarbons
- Solvent decomposition products
- Used antifoams

Carbon Types: Powder, Granular, Pelletized and Extruded.

Carbon Sources: Lignite, Coconut, Wood, Bituminous & mixed.

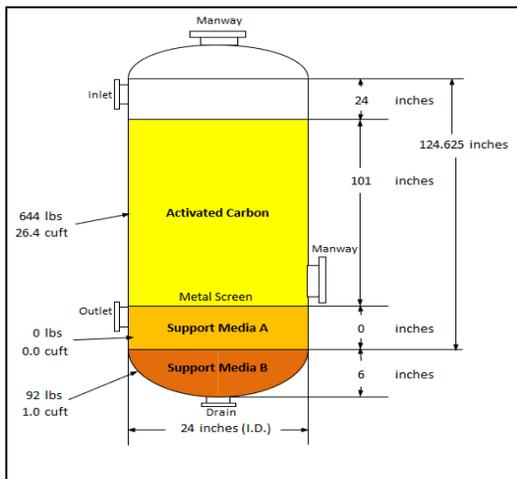


Support Media: Metal Mesh Screen, Ceramic Balls, Anthracite

Systems & Vessels: Carbon beds, pre-filters and post-filters.

Vessels Design Reviews: Different contact times and internal velocity, inlet distributors, loading diagrams and support material.

Procedure Review: Review procedures for carbon beds use including placing in/out of service and % flow rate recommendations.



Replacement Services: Removal of spent activated carbon using vacuum method, removing the spent carbon from the plant and assistance in loading new activated carbon.

Certificate of Recycling: The facility can obtain an activated carbon recycling a certificate. This directly impacts sustainability programs.

Activated Carbon Expertise & Support: Amine Optimization has developed designs and recommendation for carbon beds using the vast experience of lab research and troubleshooting in amine units. We test the compatibility and efficiency of all our carbon to determine what is the best fit for the facility.

For more information on activated carbon services and activated carbon supplies, contact Nexo Solutions.