Pressure Swing Adsorption for Product Recovery

- Method to allow reliable removal of heavy hydrocarbons from waste streams
- Applications to polyolefin vent and refinery off-gas streams, and potential uses with other waste streams
- Recovery of over 80,000 metric tons per year of hydrocarbons
- Increased productivity, lower emissions

Four Bed Pressure Swing Adsorption Unit

Air Products and Chemicals
University of Kentucky