

- No more water, run-off, added moisture or water hazard (associated with water blasting) in the energy center
- Easier compliance to OSHA safety standards with dry, low-dust, low rebound Sponge-Jet Sponge Blasting
- Maintain balanced water tables with full production almost immediately when using Sponge Media™ abrasives
- Accelerate maintenance projects to quickly return to normal operations by allowing others to work in close proximity to blasting cleaning
- No need for FRAC Tanks
- Fugitive emissions greatly reduced compared to conventional abrasives
- Eliminate damage to bearings, rotating machinery or other process/electrical equipment
- Remove tough surface contaminants (like creosote), rust and industrial coatings
- Profile steel 0-125+ microns (0-5+mils) or existing coatings (for recoating)
- Clean/decontaminate without chemicals or liquid detergents
- Reduce costs compared to conventional alternatives
- Precisely blast and repaint on sensitive substrates
- Selectively strip coatings and/or remove contaminants
- Extend the serviceable life of tanks, basins and highly corrosive areas



Surface Preparation Solutions for Maintaining Ethanol Plants

Sponge-Jet's low dust and low rebound dry abrasive blasting technology is being used in Ethanol Plants throughout North America. Among the many benefits of Sponge-Jet technology is its ability to drastically reduce shutdown time by eliminating the need for water blasting to conduct regular cleaning and maintenance.

Sponge-Jet System Users...

Tharaldson Ethanol	Advanced Bio Energy
Green Plains Renewable Energy	E Energy Adams Cardinal Ethanol
Western New York Energy	Elkorn Valley Louis Dreyfus Commodities
Patriot Renewable Fuels	One Earth Energy
Big River Resources, LLC	Guardian Energy
Illinois River Energy	Highwater Ethanol

Sponge-Jet Applications...

- **Cleaning Layers and Heavy Build-up of Creosote:**
 - Thermal Oxidizers
 - Dryers
 - Dryer I.D. Fans
 - Ducts
 - Cyclones
 - Drop Boxes
 - Dampers
 - Air to Air Preheaters
 - RTO fans
 - Tank Exteriors/Interiors
- **Selective Stripping or New Coating Preparation on:**
 - Walls, ceilings and structural steel
 - Motors, Pumps and Valves
 - Pipe Runs
- **Non-Destructive Testing (NDT)**