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 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)

Ethanol Plant Applications and Customers

- 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 depaint on sensitive substrates
- Selectively strip coatings and/or remove contaminants
- Extend the serviceable life of tanks, basins and highly corrosive areas

To learn more visit Sponge-Jet, Inc. at www.Spongejet.com; call 1-603-610-7950

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