100%
NATURAL
CLEANING METHOD

Dry Ice Cleaning of Insulators

Clean Electrical Equipment

with Dry Ice Blasting, a Safe, Fast and "Green" Cleaning Alternative

Completely Dry Cleaning Process that is Non Damaging and Used Effectively on Power Generation Equipment, Motors, Stators, Gas Turbines, Electric Motors and More Electrical Components...

Wickens
DRY ICE BLASTING
1-888-301-0044
www.WickensDryIceBlasting.com

100% Dry, Safe & Thorough Cleaning of Electrical and Sensitive Components


Dry Ice Cleaning of Gas Turbine

What is Dry Ice Blasting?

Dry Ice or CO2 Blasting is a relatively new cleaning process using solid CO2 pellets (known as dry ice). Dry Ice Pellets sublimate once they've hit the surface being cleaned (convert directly from a solid blast pellet to a vapor) leaving a clean, dry surface with no residue. The underlying equipment surface is completely dry, undamaged, and the waste falls to the floor.

A Greener Clean

Because of a growing conciousness of environmental standards, Dry Ice Blasting has become a preferred method of cleaning in the power generation industry, including hydro, co-generation and nuclear applications. The environmental benefits are dramatic; the cleaning media: Dry Ice, is a natural, recycled substance, there is no water or chemicals used and no additional waste is generated.

Benefits of Dry Ice Blasting

1. Effective on Electrical

The process is very fast and dry. Dry Ice Blasting removes years of contaminant build-up, carbon deposits, and even the remaining grit from previous cleaning methods, all without damage to sensitive components.

2. Safe & Dry on Electrical

A completely dry process with no damage to stator slots, turbine blades, or delicate components such as winding insulation, older insulation coatings, and rotor pole surfaces.

3. No Damage

Dry Ice Blasting is non-abrasive, non-toxic, and non-corrosive. Because the aggressiveness of dry ice blasting can be controlled by the operator, with the selection of dry ice particle sizes and regulated compressed air stream, components such as windings, insulators, bus bars, etc can be cleaned with no damage.

4. A Thorough, Deeper Cleaning

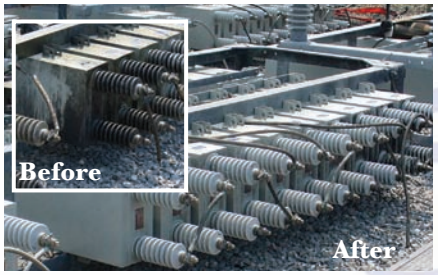
Since Dry Ice Pellets manage to reach every nook and corner of the equipment, it cleans more deeply and effectively.

5. Cleaning with a Natural Substance

The cleaning media is made from the same substance used to carbonate beverages. This method does not generate secondary waste as does sand, soda, water, or grit cleaning. Dry Ice also replaces chemical and solvent based cleaning.


Before


After


Before

After

Dry Ice Blast Cleaning Comparison Chart

Blasting Cleaning Technique	Waste for Disposal	Abrasive	Toxic	Electrically Conductive	Performance Comparison
Dry Ice	**No**	**No**	**No**	**No**	**Excellent**
Sand	Yes	Yes	No*	No	OK
Glass Beads	Yes	Yes	No*	No	OK
Walnut Shells	Yes	Yes	No*	No	Limited
Steam	No	No	No	Yes	Poor
Solvents	Yes	No	Yes	Yes	Limited

* Each of these blast cleaning materials becomes contaminated upon contact if used to clean hazardous objects When that happens, these materials are then classified as toxic waste requiring safe disposal.


Dry Ice Cleaning of Stator

"Our engineers love the fact that we can clean motors and generators faster and cleaner than ever before."

"One-third of the debris removed from our stators by CO2 blast cleaning originated from previous grit blasting."

- Ontario Hydro

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A Complete **Online** Dry Ice Blasting Resource!

The Dry Ice Process, Direct Comparison Chart, Benefits, ROI, Videos, FAQ's, Ask the Expert, Downloads and much more!

With one of the most complete Dry Ice Blasting Resources online, WickensDryIceBlasting.com offers a comprehensive online resource center to answer any and all of your questions or concerns. The website serves as a tool to help you better your understanding of Dry Ice Blasting and the benefits to your industry. Be sure to sign up for the Wickens Dry Ice E-Blaster and receive up to date industry information, offers, and trends.

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- Complete Rental Packages
- Contracting Services
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Dry Ice Provided by PRAXAIR

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Dry Ice Blaster Pelletizer Recovery Unit