

CLEAN ELECTRICAL EQUIPMENT WITH DRY ICE BLASTING

A SAFE, FAST AND "GREEN" CLEANING ALTERNATIVE



BEFORE

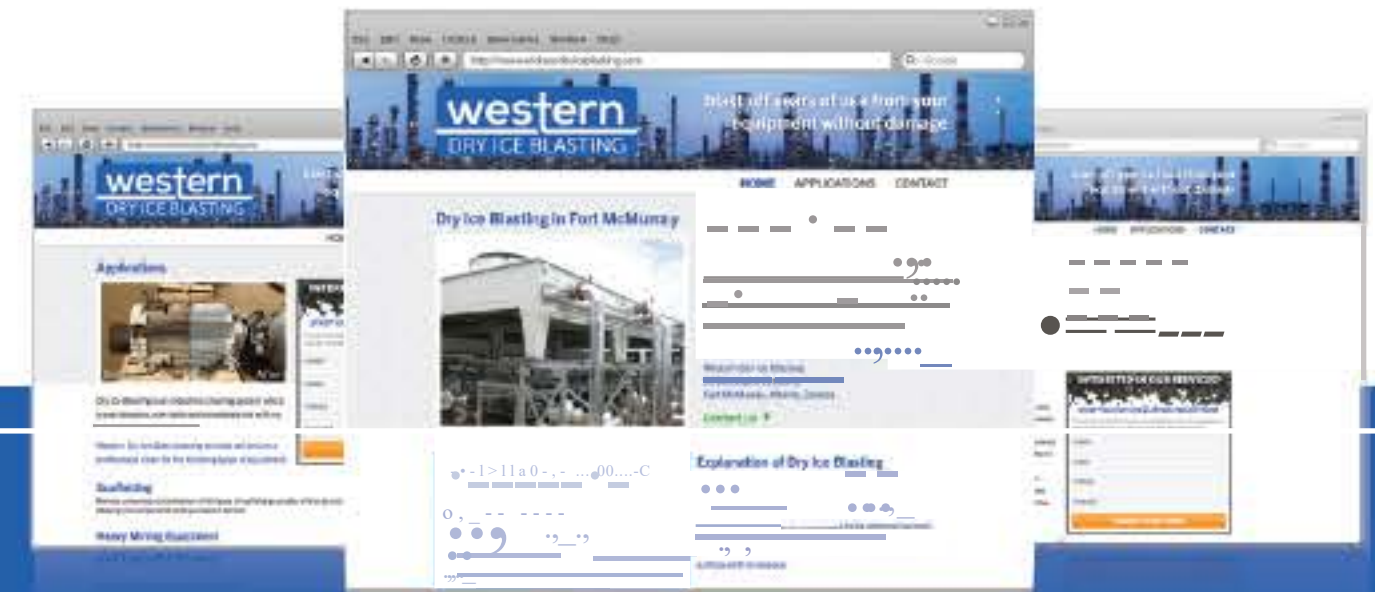


AFTER

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...

VISIT US ONLINE AT WESTERNDRYICEBLASTING.COM

THE DRY ICE PROCESS, BENEFITS, DOWNLOADS AND MUCH MORE!



Not sure if dry ice blasting is right for you? Find out more about our services by visiting WesternDryIceBlasting.com to get a full list of dry ice blasting applications. The website serves as a tool to help your understanding of Dry Ice Blasting and the benefits to your industry.



CALL WESTERN DRY ICE BLASTING to arrange a no-obligation on-site demonstration or for information on:

- Equipment Sales and Leasing
- Complete Rental Packages
- Contracting Services
- Parts & Service for all Makes

western
DRY ICE BLASTING

1-780-799-1879 | www.WesternDryIceBlasting.com

100% DRY, SAFE & THOROUGH CLEANING OF ELECTRICAL AND SENSITIVE COMPONENTS

WHAT IS DRY ICE BLASTING?

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



Cleaning Turbines

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.

A GREENER CLEAN

Because of a growing consciousness of environmental standards, Dry Ice Blasting has become a preferred method of cleaning in the power generation industry, including hydro, CO2 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.

CLEANING WITH DRY ICE BLASTING SERVES MANY BENEFITS TO YOUR BUSINESS

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 and insulators 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.



Power Transformer Before



Power Transformer After



Stator Before



Stator After

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