

# BLAST AWAY BITUMEN

WITH DRY ICE BLAST CLEANING

**western**  
DRY ICE BLASTING

## INCREASE PROFITS BY DECREASING DOWNTIME

Natural, dry & non-abrasive cleaning effectively cleans in place and reduces the need for disassembly and secondary waste cleanup. Begin efficient production sooner. Ideal for all industries.

1-780-799-1879 | 1-888-301-0044 | [www.WesternDryIceBlasting.com](http://www.WesternDryIceBlasting.com)

## 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, **WesternDryIceBlasting.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 your understanding of Dry Ice Blasting and the benefits to your industry. Be sure to sign up for the Western Dry Ice E-Blaster and receive up to date industry information, offers, and trends.

## A GREENER CLEAN

Dry Ice Blasting is quickly becoming favoured across all industries because of environmental and production processes, standards, and certifications along with a growing consciousness of the environmental impact of production practices. The Dry Ice Blasting process uses pellets made through a process of taking Liquid Carbon Dioxide (CO2) and expanding it to produce a snow like substance, that is compressed through a dye to make hard Dry Ice Pellets. Environmental benefits include: cleaning with a natural substance, replaces chemicals and minimizes the need for specialty waste disposal.

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**PICS**  
THE CONTRACTOR'S CHOICE

**ISN** Collect. Verify. Connect.



# TOUGH ENOUGH TO REMOVE BUILT-UP GRIME, BUT GENTLE FOR SENSITIVE COMPONENTS AND ELECTRICAL.

## 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.

## GAS PROCESSING/OIL REFINING

Western Dry Ice Blasting has the experience to remove heavy oils, bitumen, and corrosion inhibitor chemicals from piping, valves, wellheads and other equipment. As these contaminants can become "baked on" over time, Dry Ice Blasting is one of the few options. This process is gentle on equipment but will ensure an efficient and quick removal. Removal can be done in place so there is no need for shut down.



## DRY ICE BLASTING PERFORMED ON SITE WITHOUT DIS-ASSEMBLY:

- Insulators
- Transformers
- Vaults
- Bushings
- High Voltage Terminations
- Switch Gear

## WESTERN DRY ICE BLAST CLEANING SERVICES ENSURE A PROFESSIONAL CLEAN FOR THE FOLLOWING TYPES OF EQUIPMENT:

- Scaffolding
- Heavy Mining Equipment
- Fin Fan Coolers
- Heat Exchanger Tube Cleaning
- Variable Frequency Drives
- Electronic Motor Windings & Turbines
- Furnaces

## SAVE TIME & MONEY WITH CLEANING IN PLACE

By cleaning in place, the Dry Ice Blasting method uses portable equipment to easily maneuver around and between plant machinery and electrical elements to reduce the need for disassembly. Tremendous performance gains are: little to no downtime, no drying downtime required and no secondary waste to clean-up. Production time is saved with Dry Ice Blasting, allowing online equipment to work more efficiently and cost effectively.



## CLEANING WITH DRY ICE BLASTING SERVES MANY BENEFITS TO YOUR BUSINESS

### 1. CLEANING WITH A NATURAL SUBSTANCE

Dry Ice Blasting uses Dry Ice Pellets made from the same substance used to carbonate beverages. These pellets prevent contamination during cleaning and eliminate hazardous buildup where mould can grow. Unlike conventional cleaning methods, Dry Ice Blasting does not generate secondary waste. Dry Ice Blasting also replaces chemical and solvent based cleaning.

### 2. SAFE ON ELECTRICAL

This versatile process cleans heavy buildup without damaging sensitive areas such as, electrical components, switches, wiring, photoelectric sensors, and more.

### 3. A THOROUGH, DEEPER CLEANING

Dry Ice Pellets manage to reach every nook and corner. This ensures the equipment is cleaned more deeply and effectively.

### 4. NO DAMAGE

Dry Ice Blasting is completely dry, no abrasive, non-toxic and non-corrosive. It quickly removes most contaminants without damage to switches, panels, lines, tubes, wiring or belts and is extremely safe to use on electrical.

### 5. NO DOWN TIME

The process is very fast and dry. The dry ice disappears on contact and can be performed online without the disassembly of equipment and without the need for drying time.

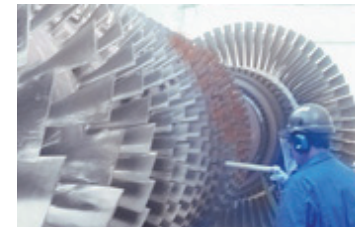


BEFORE



AFTER

Fire Damage



Cleaning Turbine



Maintenance - Machine Cleaning

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