

PETRO-CHEMICAL PLANTS, GAS PLANTS AND REFINERIES

Advanced CO₂ Cleaning Solutions



BENEFITS

of Dry Ice Blast Cleaning

- ◆ Increased worker safety with the elimination of cleaning agent residues, waste water or hazardous solvents.
- ◆ Non-conductive process protects electrical wiring, controls and switches (dry ice transforms from a solid to a gas).
- ◆ Eliminate wear and tear due to non-abrasive blasting material.
- ◆ Eliminate time consuming and expensive de-tooling procedures.
- ◆ Eliminate significant cleaning down-time and post cleaning start-up.
- ◆ Clean hot and on-line.

Prolong the life and increase the productivity of your equipment . . .

discover the benefits of dry ice blasting with **Brothers Industrial Services Ltd.**

Equipment life extension

Unlike sand, walnut shells, plastic beads and other grit media, dry ice pellets have little molecular integrity or density. The ice particles therefore shatter upon impact and instantly vaporize. Surface degradation of the part being cleaned is minimized, decreasing wear.

Plant and equipment

Brothers uses the latest in dry ice blasting technology systems to thoroughly clean industrial equipment such as heat exchangers, vessels, tube sheets, boilers, deaerators, engines, furnaces, turbine rotors, compressors, pumps, wellheads, piping and valves. Dry ice blasting is also used for preparation of welds prior to non-destructive testing as well as yellow jacket removal for pipeline integrity testing.

Contaminants

Dry ice blasting is used to manage production residues, release agents and contaminants. It is successful in stripping paints, oils and biofilms.

Carbon Dioxide

CO₂ pellets are made from food grade carbon dioxide. Carbon dioxide is a non-poisonous, non-flammable, liquified gas.

Brothers Industrial Services Ltd. performs its majority of dry ice blasting in petro-chemical and gas plants. Brothers commits to making the health and safety of people and the environment its highest priority.



For more information, visit www.brothersindustrial.com.

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