

# FIN-FAN COOLER CLEANING

*Advanced CO<sub>2</sub> Cleaning Solutions*



## BENEFITS

### of Dry Ice Blast Cleaning

- ◆ Increased worker safety with the elimination of chemicals or other hazardous solvents
- ◆ A dry process which means:
  - no harm to bearings, motors or instrumentation
  - no containment or clean-up required
  - no harm to the environment
- ◆ Elimination of secondary waste streams due to the sublimation of dry ice upon contact
- ◆ Less power consumption due to VFD output lower and/or less fans required
- ◆ Increased field compressor throughput due to cooler running engines
- ◆ Increased plant efficiency due to lower cooler outlet temperatures
- ◆ No disposal of hazardous waste and solvents

Are you not seeing desired results from your current cooler cleaning method? Then discover the benefits of dry ice blasting with Brothers Industrial Services Ltd.

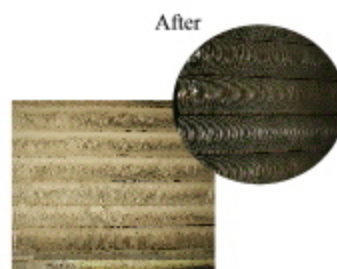
In recent years the introduction of dry ice blasting to the oilfield in Western Canada has brought with it countless solutions in many applications.

One application in particular has proven to be a real success. Compared to traditional methods, dry ice blasting is very effective in cleaning fin-fan coolers. The properties of dry ice gives Brothers the ability to penetrate deep into the tube bundle, removing contaminants untouchable with other cleaning methods.

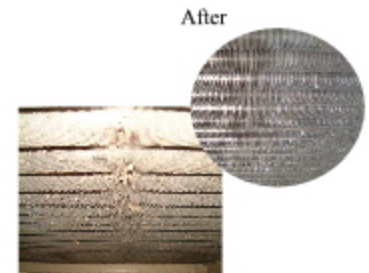
Brothers Industrial Services Ltd. specializes in cooler cleaning. With gas plant operations in it's background, Brother's technicians truly understand the challenges associated with process cooling.

If you have not used dry ice blasting to clean coolers in the past, let Brothers bring your coolers "back to life". You will see this in ways such as reduced output to louvers, VFD's, and or pitch control. Less fan hours per cooler per year can be achieved and lower cooler outlet temperatures will bring greater efficiency.

As the major western Canadian Dry Ice Blasting contractor, Brothers Industrial Services Ltd. currently provides services for many large operators. References can be provided.



Before Dry Ice Blasting



Before Dry Ice Blasting



For more information, visit [www.brothersindustrial.com](http://www.brothersindustrial.com).

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