

POLARICETECH

Dry Ice Blasting Specialists



**DRY ICE CLEANING OF
ELECTRIC MOTORS**

www.polaricetech.ie



DRY ICE CLEANING OF ELECTRIC MOTORS

- **Eliminates risk of catastrophic failure**
- **Non-abrasive**
- **Non-conductive, moisture free**
- **Faster clean at a superior quality**
- **Increased IR Readings**

Electric motors, if not regularly cleaned, can become inefficient. For reliability and performance purposes, it is imperative that electrical motors are included in reliability centered management (RCM) system and preventative maintenance cleaning programmes.

Due to their proximity to production facilities and equipment, contaminant build-up can occur from oil, grease, dirt, and product. If not removed, the build-up results in a breakdown of insulation and bearing lubrication, and clogging of fans.

As a result, motors are unable to cool down correctly and function at high ambient temperatures. This results in greater energy consumption with higher running costs, with a heightened risk of catastrophic failure or fire.



ELECTRIC MOTOR RESTORED AFTER DRY ICE CLEANING

Dry Ice Cleaning has proven capabilities in effectively removing contaminants. It quickly removes contaminant build-up, providing a higher quality clean and restoring electrical motors to efficiency.

Effectiveness of Dry Ice Cleaning on Electric Motors

The moisture free, non-conductive process ensures it is safe to use on electrical equipment. As the process is completely dry, once cleaning has finished the equipment is ready to go back into production.

The process is non-abrasive, and will not cause damage to delicate electrical components.

Dry Ice Cleaning reduces downtime significantly, as it cleans in place. There is no secondary waste produced, reducing time and costs associated with this significantly.

The removal of contaminants ensures that the motor's fans return to optimum efficiency. Dry Ice Cleaning reduces the risk of catastrophic failure and fire. Reliability, performance and IR reading are increased.

Who are Polar IceTech?

At Polar IceTech we are Dry Ice Blasting Specialists with nearly 15 years of experience working with leading Global companies. We mobilise teams across the island of Ireland to provide this service.

We have in depth experience cleaning sensitive electrical equipment including motors, switchgears, distribution boards, stators and cable trays.

More about Dry Ice Cleaning
www.polaricetech.ie



CLICK ON THE VIDEO TO SEE DRY ICE CLEANING'S EFFECTIVENESS ON MOTORS



CONTAMINATED ELECTRIC MOTOR BEFORE DRY ICE CLEANING



UNCONTAMINATED MOTOR AFTER UNDERGOING DRY ICE CLEANING

Multi Award Winning Company



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