



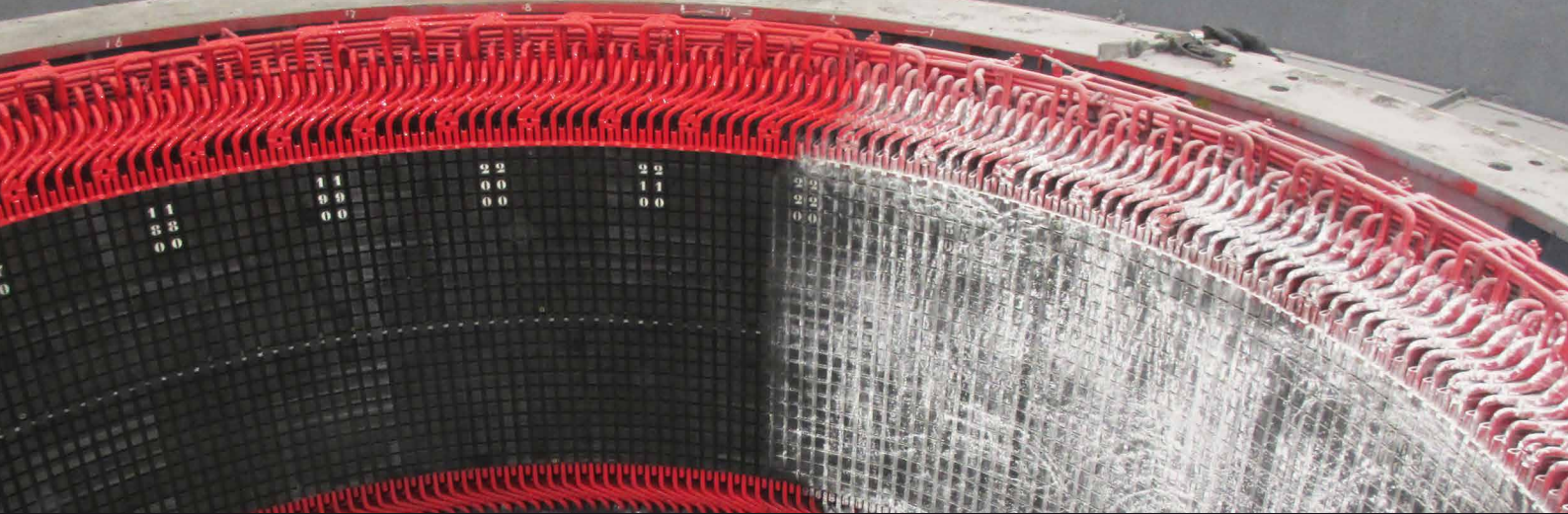
POLARICETECH

Dry Ice Blasting Specialists



DRY ICE CLEANING OF
ELECTRICAL STATORS

www.polaricetech.ie



DRY ICE CLEANING OF ELECTRICAL STATORS

- **Dry, moisture free, safe process**
- **Non abrasive**
- **Delicate**
- **No secondary waste stream**
- **Reduces risk of malfunction and catastrophic failure**
- **Increased IR readings**

Stators play a crucial role within Hydro Power Generation stations. However, contamination build up can cause intermittent earth faults, resulting in higher running costs and lower electricity generation and risking malfunctioning or catastrophic failure. Ensuring a stator is cleaned to the highest standard can prevent these issues from occurring.

Dry Ice Cleaning is the most efficient, effective and safest way to clean electrical stators to a superior quality.

Is Dry Ice Suitable for Cleaning Electrical Stators?

Dry Ice Cleaning is a delicate, moisture free, non-conductive, inert process which makes it ideal for cleaning sensitive electrical equipment safely. The media is gentle on delicate components, providing a superior clean without risking damage to the substrate.

Non-abrasive

Dry Ice Cleaning is a non-abrasive process, and therefore is not damaging to any sensitive surfaces.

Technically advanced

As leaders in this field, we have developed a technically advanced solution to ensure sensitive and delicate electrical components are safely cleaned, ensuring that the highest quality clean is achieved.

High standard of clean

With alternative methods of cleaning (e.g. the use of cotton cloths and white spirits), there is a high risk of human error and risk of damage to insulation through the use of extension poles and bars to access hard to reach or otherwise inaccessible areas. With Dry Ice Cleaning, the risk of human error is reduced significantly, and hard to reach areas are more easily accessed, cleaning to a high standard.

No secondary waste

Dry Ice Cleaning is a fast process which does not produce any secondary waste. This greatly reduces time needed for clean up.

Reduces risk of malfunction

By effectively removing contaminants from stators and achieving a high quality clean, Dry Ice Cleaning significantly reduces the risk of malfunction and catastrophic failure, prolonging the reliability of equipment.

IR readings

Contaminant removal also improves the equipment's Insulation Resistance readings.

Pictures show Dry Ice Cleaning carried out by Polar IceTech at an ESB Hydro Power Generating Station

How can Polar IceTech help?

We at Polar IceTech specialise in Dry Ice Cleaning, working with industry to clean high value assets efficiently. We mobilise teams across the island of Ireland to provide this service.

We have close to 15 years of experience working with leading global companies.

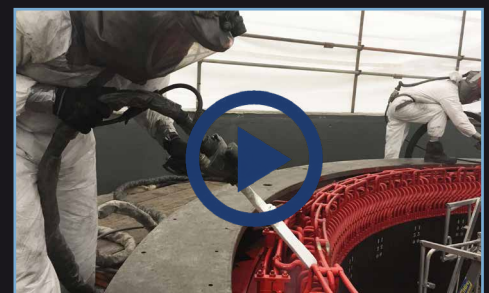
Learn more about Dry Ice Cleaning
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THE DIFFERENCE OF AN ELECTRICAL STATOR BEFORE (RIGHT) AND AFTER (LEFT) DRY ICE CLEANING



A MEMBER OF THE POLAR ICETECH TEAM DRY ICE CLEANING AN ELECTRICAL STATOR



CLICK ON THE IMAGE TO SEE DRY ICE CLEANING OF AN ELECTRICAL STATOR

Multi Award Winning Company



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