

Cleaning Method Comparison		
Issue	Traditional	Dry Ice Blasting
Equipment Downtime	Cleaned in dedicated cleaning area; Disassembly/reassembly; Drying time required	Equipment can be cleaned in place; Dry process - equipment restarts immediately after cleaning
Hazardous Waste	Cleaner becomes and treated as a secondary contaminant	No additional contaminant; Dry ice sublimates with contact with targeted surface
Labour Hours	Intensive hand scrubbing; Lengthy cleanings; Follow-up cleaning-up can be lengthy	Dramatically reduced - often completed in a quarter of time or better
Quality of Cleaning	Poor to average	Excellent
Potential Equipment Damage	Grit abrasions; Grit contamination; Movement of equipment to and from cleaning area	No equipment damage; Preventive maintenance very realistic as labour hours are significantly less
Safety	Health threats from solvents; Water-based cleaning pose hazards around electrical equipment; Threats to environment	Standard safety precautions; Dry process - safe around electrical equipment
Cost	Cleaner becomes additional hazardous waste; expensive solvents; Additional labour	Minimal - cost of dry ice