LASER CLEANING 101

A focused laser beam removes contaminants with precision—leaving the base material intact and clean.

NCL
NORTH CENTRAL LASER
Laser Cleaning & Surface Restoration



LASER ENERGY
High-intensity pulses vaporize contaminants on the surface.

FUME EXTRACTION
Captures vaporized contaminants for a safer work environment.

CONTAMINANT REMOVED
Coatings, rust, oxides, and other unwanted layers are converted to vapor and removed.

CONTAMINANT LAYER
Rust, paint, oil, oxides, or coatings.

BASE MATERIAL
Steel, stainless steel, aluminum, and more.

BASE MATERIAL PRESERVED
The underlying material is unaffected when proper parameters are used.

PRECISE
Targets contaminants without damaging the base material.

CLEANER PROCESS
No chemicals or abrasives. Minimal waste and lower environmental impact.

EFFICIENT
Fast cleaning with high productivity and less downtime.

SAFE WHEN PLANNED
Built-in safety through proper training, controls, and fume management.

VERSATILE
Effective on a wide range of materials and complex geometries.

SMART. SAFE. ONSITE.