

### PROBLEM STATEMENT

- Removing corrosion and coatings from a variety of surfaces can be challenging and the process of abrasive corrosion removal can wear down the thickness of the assets being cleaned, reducing its useful service life, as well as pose environmental concerns with traditional blasting media and chemical stripping containment. Traditional cleaning techniques rely on consumables and have a lot of clean up and disposal costs.

### BENEFITS

- Environmentally friendly.
- No consumables.
- No damage to substrate being cleaned.
- Less heat on surface than other laser ablation systems.
- Patented high speed and hot-spot-free laser cleaning.
- The beam never stops in one place and rotates at high RPM.
- 2-3 times faster cleaning than competitors.
- Patented circular scan efficiently delivers two cleaning passes per movement as the leading arch (1) interacts first and the trailing arch (2) interacts and cleans a second time.
- Designed and made in the USA.
- Made for use in humid and corrosive environments.

### TECHNOLOGY SOLUTION

- G.C. Laser Systems offers environmentally friendly, durable, and compact portable laser systems for removing rust, paint, coatings, and contamination from surfaces. Built with an in depth understanding of the photomechanical, photothermal, and photochemical effects that laser pulses can have on a surface, our highly tunable systems offer unmatched precision, control, and repeatability with laser ablation cleaning and surface prep. Corrosion, salts, and coatings are removed from metal surfaces without causing any damage or thickness loss to the substrate.

### GRAPHIC

