

LETTERKENNY ARMY DEPOT LASER ABLATION



Laser ablation is a subtractive manufacturing technology that utilizes pulsed laser energy to rapidly remove paint and corrosion from solid surfaces by heating and evaporating unwanted materials.

NON-CONTACT PROCESSES AND CORROSION REMOVAL:


Media blasting and sanding operations typically deform thinner substrates throughout their respective processes. However, laser coating removal eliminates corroded materials, contaminants and paint without further damaging targeted areas on steel and aluminum substrates.


ADVANTAGES:

Laser ablation offers an array of other benefits, including:

- Cost efficiency
- Reduction in time required to remove unwanted materials
- Prolonged life of equipment and component
- Improved safety for the artisans handling the equipment

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