

A Tool for Efficiency and Safety improvements for NDI/NDT and Surface Preparations

Discover the cutting-edge innovation of the PlasmaBlast PB7000-M, a breakthrough tool transforming surface preparation and coating removal. Offering unmatched speed, efficiency, and safety, PlasmaBlast substantially slashes preparation times, eliminates hazardous chemicals, and delivers unparalleled results for weld inspection and equipment maintenance. With significant cost savings, faster turnaround times, and a cleaner, safer work environment, the PB7000-M is the ideal solution for maintenance depots striving for excellence and operational readiness.

Key Benefits:

- **Faster Coating Removal:** In a direct comparison to traditional chemical stripping methods, the PlasmaBlast PB7000-M reduces surface preparation. For example, on an Aerospace Ground Equipment (AGE) tow bar, the existing chemical stripping method took 4 hours to remove and prep the surface for inspection. PlasmaBlast completed the same task in just **8 minutes**. This represents significant savings in manhours, reducing the need for costly chemicals, disposal, and clean-up efforts, while also protecting both the maintainer and the environment from hazardous chemicals.
- **Improved Weld Inspection:** Coating removal over welds, traditionally a 1-5 day process using chemical strippers, was reduced to just **30 minutes** with PlasmaBlast, achieving a level of cleanliness never before seen by maintainers. This faster, more effective cleaning allows for more efficient inspection, accelerating the release of equipment back into service.
- **Cost and Time Savings:** This technology is not only faster but more cost-effective. By eliminating the need for harsh chemicals and disposal processes, PlasmaBlast saves maintenance depots thousands of dollars annually. The time saved in coating removal translates directly to faster turnaround times, allowing critical equipment to be returned to operational status more quickly.
- **Cleaner and Safer Work Environment:** PlasmaBlast offers a safer, more environmentally friendly alternative to traditional stripping methods. It eliminates the use of harmful chemicals, significantly reducing the risks to maintainers and the environment.

For more information, contact APS to learn how PlasmaBlast can transform your maintenance operations.

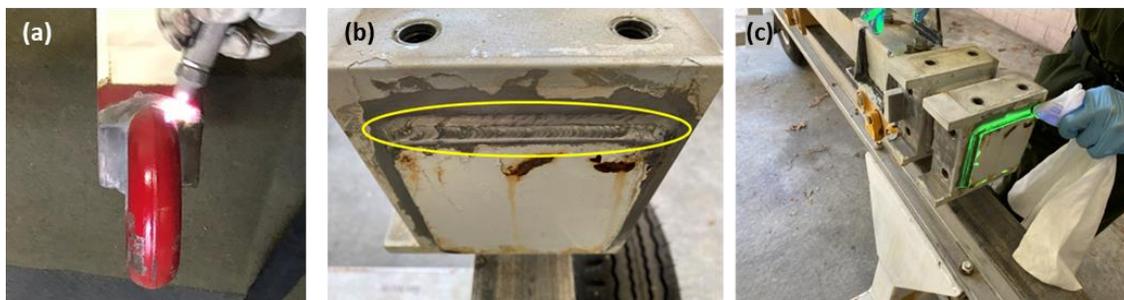


Figure - (a) APCR was 30x faster than chemical stripping to prepare a surface for inspection on an Aerospace Ground Equipment (AGE) tow bar; (b) and (c) APCR used to reveal weld for NDI/NDT and maintainer applying die penetrant to reveal damage, cracking, or voids.



US NAVY approved for use on surface ships, carriers, and submarines



AMPP SP21523-2022: Non-thermal Plasma Surface Preparation of Metals



PlasmaBlast®

by **ATMOSPHERIC PLASMA
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