

PSM – (Power Systems Mfg, LLC, part of Ansaldo Energia Group) is a full service provider to gas turbine equipped power plants, offering technologically advanced aftermarket turbine components & performance upgrades, parts reconditioning, field services and flexible Long Term Agreements (LTAs) to the worldwide power generation industry. Our product lines include stationary and rotating compressor and turbine airfoils, ultra-low emission combustion systems, and other capital parts for GE Frame 6B, 7E/EA, 9E and 7FA machines as well as the Siemens/Westinghouse 501B6 and 501D5 and SW and Mitsubishi 501F engines.

PSM 2 Hour Facility Tour – Key Highlights:

The guided walking tour of the Workshop and Reconditioning facility, located at the PSM Jupiter headquarters, will step you through the reconditioning process, as well as highlighting our recently established fuel nozzle and compressor blade manufacturing operations. The 75,000ft² industrial facility tour will give you the chance to observe the main repair and inspection processes utilized for the repair of E and F Class HGP & Combustion components.

The tour stops will include:

- 1) Compressor Blade manufacturing cell
- 2) NDT Inspection – Visual, Digital x-ray, Dimensional, surface inspections.
- 3) Cleaning – Surface blasting and chemical stripping.
- 4) Repair – Blending, welding and dimensional corrections.
- 5) Machine Shop – Conventional CNC Machines for milling and grinding, as well as non-conventional processes for hole drilling, shaping and material removal.
- 6) Laser Cladding – See the laser cladding equipment in action, for example: re-building turbine blade tips or re-establishing hardface areas.
- 7) Heat Treatment and Brazing – Vacuum HT furnaces, H2 and FIC surface preparation and high temperature braze repair.
- 8) Thermal Spray Coating – Robotic application of metallic and ceramic protective coatings on airfoil and combustion parts.
- 9) Final Inspection – Fit checks, airflow, moment weight



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