



FACTS

Alcoa Howmet, located in Branford, Connecticut, specializes in high-temperature coating of hot-section gas turbine components used in aerospace and power generation industries. Other value-added services include welding, brazing and stripping. The facility has 30,000 sq ft (3,510 sq m) of manufacturing space.

Alcoa Power and Propulsion, a major business unit of Alcoa Inc. (NYSE: AA), is a global leader in airfoil and structural investment castings, forged structural parts, and forged aircraft wheels. Serving the aerospace, defense, energy and industrial markets, its products are primarily used in jet engines and industrial gas turbines. Additional value-added products and services include hot isostatic pressing, specialty coatings, research and development, supply chain management, specialty tools, molds, and machinery. With 29 production facilities, Alcoa Power and Propulsion employs more than 11,000 people worldwide.

CAPABILITIES

Coatings

- Gas phase coatings - aluminide, chromides, platinum aluminide
- Pack cementation coating - aluminide and platinum aluminide

Finishing Services

- Gas tungsten-arc welding
- Vacuum brazing
- Fluorescent Penetrant Inspection (FPI)
- Peening of turbine blade roots
- Vacuum heat treat
- Chemical stripping of aluminide coatings

CONTACT INFORMATION:

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CUSTOMERS

- General Electric, Canada
- Rolls-Royce/Allison
- Rolls-Royce
- United Technologies: Pratt & Whitney