



FACTS

Alcoa Howmet, located in La Porte, Indiana, is a leading producer in the casting of superalloy compressor stators, integral turbine vanes, integral turbine rotors and medium-size structural components for aero turbine engines, as well as industrial gas turbine vane segments. The facility earned ISO 9001 certification and operates under Nadcap accreditation. The facility, built in 1957, has more than 200,000 sq ft (18,000 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 25 production facilities, Alcoa Power and Propulsion employs more than 9,000 people worldwide.

PRODUCTS

- Compressor stators (360 degrees) for turbine engines
- Integral turbine vane rings
- Integral turbine wheels for auxiliary power unit (APU), propulsion and power generating engines
- Structural components for turbine engines
- Industrial gas turbine vane segments

Alloys Poured

- Cobalt- and nickel-based alloys
- IN100, IN625, IN713, IN718, IN738, IN792Mod5A, Mar-M 247

CAPABILITIES

Equiax and fine grain (MX[®] ultra-fine grain, GX[®] fine grain) investment castings

Maximum size:

- 32 in (81.28 cm) in diameter x
- 20 in (50.8 cm) in height

Maximum pour weight:

- 230 lb (104 kg)

Engineering and Inspection

- Full layout department
- Coordinate measurement machine
- Fluorescent penetrant inspection
- X-Ray
- ISO9002/AS9100
- Nadcap
- Ultrasonic

CONTACT INFORMATION:

Alcoa Howmet

A business of Alcoa Power and Propulsion

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