



PCC Airfoils

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A leading producer of high-temperature rotating blades and stationary vanes for the hot sections of jet aircraft engines and industrial gas turbines. Made of nickel super alloys, PCC Airfoils' products must be manufactured with complex, internal cooling passages to withstand turbine temperatures of 2,400° F or more. The business has also become a major supplier of airfoils on large, land-based gas turbines for electrical power generation.

Highlights

PCC Airfoils is the leading manufacturer of airfoil castings for aerospace and industrial gas turbine (IGT) applications. These stationary vanes and rotating blades are used in the turbine section of these aircraft and IGT engines, where temperatures can easily exceed 2,400 degrees Fahrenheit. As customers have designed engines for higher fuel efficiency and lower emissions, the casting technology within the hot section has become increasingly sophisticated, and PCC Airfoils has more than risen to the challenge.

These components are supplied to all major gas turbine OEMs and their partners for both new engine production and replacement, which is primarily driven by engine cycles. Aftermarket parts represent about half of PCC Airfoils sales.

Products & Brands

Aircraft and Industrial gas turbine engines

Within both the aircraft and industrial engine segments, PCC Airfoils LLC manufactures hot section components including blades, vanes, shrouds, shroud hangers, heat shields, and fairings made from single crystal, directionally solidified, and equiax nickel- or cobalt-based super-alloys.

These materials enable gas turbines to be operated at higher temperatures to deliver improved fuel efficiencies and lower emissions.

Component sizes range from just a couple of inches to greater than 40 inches, with weights of just a few ounces to more than 300 lbs.

Only production source of cast titanium aluminide airfoils for aircraft engines.

This alloy provides design capability with approximately half the density of similarly capable equiax nickel-based super-alloys. This family of materials enables a substantial weight reduction throughout the engine system, resulting in better fuel efficiencies and emissions.

Careers

Recognition, advancement, and achievement are just a few of the advantages of aligning yourself with a leader. PCC has a strong commitment to providing a supportive and diverse work atmosphere in which you can pursue many exciting career opportunities.

PCC Airfoils is seeking individuals with high personal and professional standards who will thrive in a fast-paced, goal-oriented work environment. Working in a company that fosters personal development, supports individual creativity, and leads the industry in our manufacturing processes can open up a variety of professional opportunities. A highly rewarding career can be found in one of several inviting locations according to geographic preference.

Job opportunities range from fast-paced production work in an individual and team environment to business specialties such as accounting, human resources and sales to technical specialties in engineering, quality, and operations management.

PCC Airfoils offers job-related tuition reimbursement to all employees, on-site training & development activities, and continuous hands-on learning activities.

Click [here](#) to see opportunities for motivated individuals with a desire to be part of a winning team.