



**PPT**

***POWDER PROCESSING & TECHNOLOGY, LLC***

**Process Development & Custom Powder Processing  
of Ceramics & Inorganic Materials**

# A Leader in Ceramics & Inorganic Materials Processing Technology

# PPT

Powder Processing & Technology's professionals have assisted the top materials technology companies around the world for over 45 years. Our customers know that our ability to convert bench top experimentation into commercial production has made PPT a reliable partner. We have the capability to produce at the scale you require and with the quality and consistency you expect. Most importantly, you can trust us to handle your intellectual property with discretion.

## Custom Processing Services

PPT's equipment and experience can provide creative and timely solutions for handling the challenges of today's materials markets.

## Alternative Energy Technology Processing

PPT can help Green Energy Technology firms make that important step toward commercialization by assisting in process development and by providing initial production quantities. We can then scale to full production as your technology prospers.

## Engineering Services

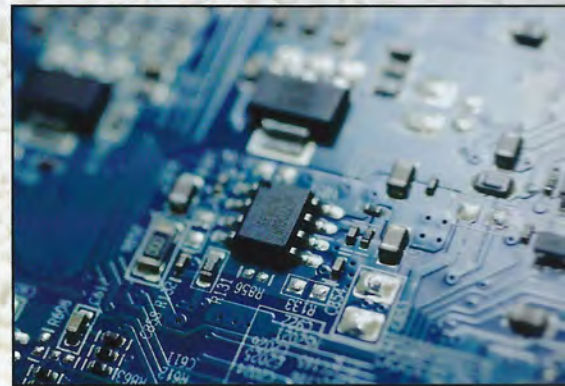
PPT can assist companies that expect to put their own capacity in place by providing engineering services and prototype experimentation to test equipment, and your market potential, before the investment is made.

## Production Support

PPT can provide production capacity during periods of unexpected demand or plant emergencies. We specialize in technology transfer and rapid turnaround, so you can continue to satisfy your customer commitments.

## Strategic Partnerships

PPT has developed strong working relationships with a variety of industrial firms. These partnerships have been creatively structured to provide the right skill set, equipment, and level of financial commitment for the given opportunity. We strive to satisfy both the technology and commercial stakeholders within a business.



***We can help you successfully compete  
in the materials business!***

# Custom Processing Services

Let Powder Processing & Technology handle your contract processing needs! We take pride in our ability to work closely with customers to transfer their production materials or bench top developments to one of our production lines.

## We specialize in the following process technology:

- Spray Drying – Nozzle and rotary atomization
- Rotary Calcining – Under atmosphere or with emission control
- Kiln Firing – With atmosphere capability
- All supported with various complementary processing equipment: Grinding, mixing, classification, blending, etc.

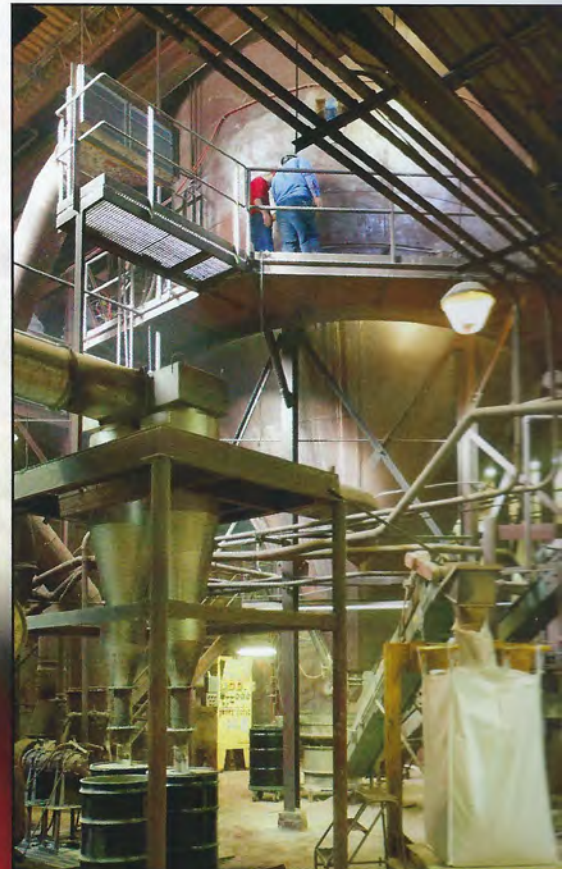
## We have:

- A fully equipped pilot facility (our Innovative Materials Center) that enables PPT to provide powder process development on a contract basis, or prior to the scale up into a production environment.
- A variety of equipment in sizes that allow economical processing campaigns to fit the application and where you are on the development curve.
- A team of skilled engineers and scientists with years of experience that will assure an effective transfer of technology and provide outstanding performance and client service.

## Typical Processing Applications:

PPT's base of industrial clients is very diverse. Some examples of where we have significant activity include:

- Electronic Materials
- Metal Oxide Catalysts
- Advanced Ceramics
- Oxide Battery Materials
- Solid Oxide Fuel Cell Materials
- Construction Materials
- Fire Retardant Materials





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