



# Thermal Spray Coatings

FW Gartner Thermal Spraying is a Business Unit of the Surface Technologies Division of Curtiss-Wright providing thermal spray and surface engineering technology to extend the service life of components and systems operating in severe service environments including the latest in HVOF Technology, Laser Cladding, PTA Cladding and QA/QC Inspection and Laboratory Testing. Approvals include ISO 9001:2008.



Surface Technologies is a Division of Curtiss-Wright (NYSE: CW) a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships. The company employs approximately 10,000 people worldwide.

**CURTISS -  
WRIGHT**

Since 1923, FW Gartner has been a leader in thermal spray and surface engineering technology. Our expertise and experience ranges from the design and implementation phase of a new component, through to potential reclamation often multiplying the usable service life many times over. This was fundamental to our success in the twentieth century and it continues today.

After four generations of family ownership, the company was acquired by Curtiss-Wright Surface Technologies ([www.cwst.com](http://www.cwst.com)) in 2012. FW Gartner is now poised for further growth both domestically through our US and Houston-based customers and globally, essentially wherever our clients might require our unique range of technologies and extensive experience.

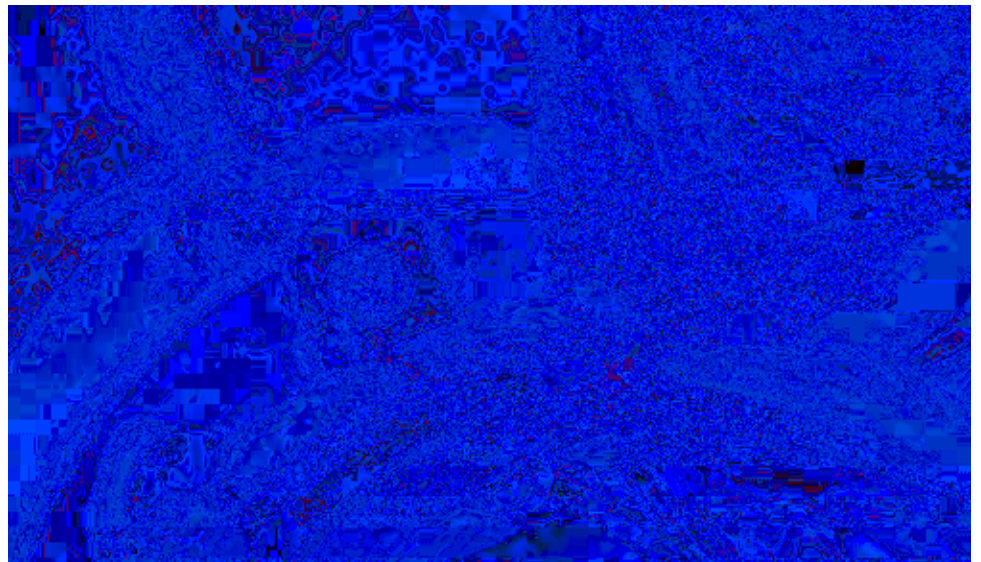
Our constant efforts to strive for excellence in all areas of thermal spray and surface engineering technology provides our customers with unique access to a portfolio of niche technologies that can dramatically extend the service life of components and systems operating in the most severe service environments. Our expertise and experience ranges from the design and implementation phase of a new component, through to potential reclamation often multiplying the usable service life many times over. This was fundamental to our success in the twentieth century and it continues today.

For more than 90 years,

FW Gartner has been at the forefront of technology developments in surface engineering as coating and overlay applications have progressed to become an integral part of many industries. As an early adopter of unique and state of the art scientific concepts, FW Gartner has assembled a comprehensive range of automated HVOF, HVOF, Plasma, Arc Wire, Combustion Powder, Rod and Wire (including Spray and Fuse) spraying equipment. With this extensive assortment of equipment, we are uniquely equipped to meet the continually evolving needs of our customers across a broad range of industries and applications.

High Velocity HVOF

High Velocity technology has evolved considerably in the past 25 years. Since the earliest generation oxygen fuel systems (Jet Kote, Diamond Jet, JP-5000), we have



# Technology

