

RELIACOAT TECHNOLOGIES, LLC

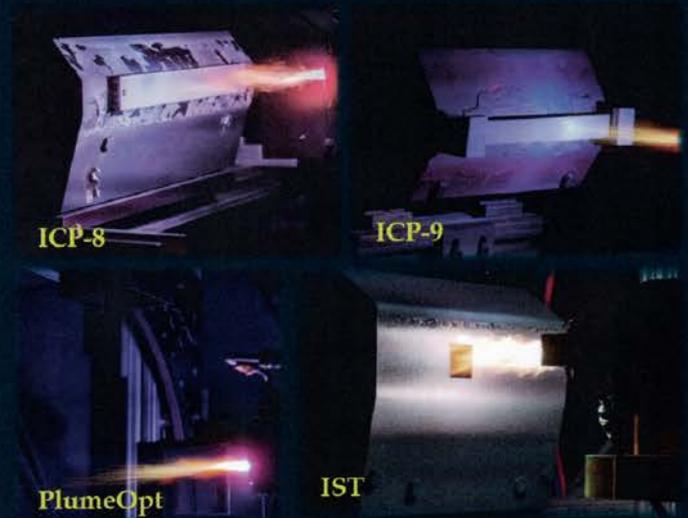
Reliable Coatings by Design

MISSION

- ADVANCED TOOLS & TECHNOLOGIES FOR ENHANCING THERMAL SPRAY PROCESSES & COATING RELIABILITY
- HOLISTIC APPROACH TO THERMAL SPRAY PROCESS OPTIMIZATION AND COATING DESIGN
- COATING DESIGN WITH RELEVANT PROPERTY CRITERIA FOR ADVANCED THERMAL SPRAY COATINGS

PRODUCTS

- IN-SITU COATING PROPERTY (ICP) SENSOR
- PLUME OPT INJECTION OPTIMIZATION SENSOR
- IN-SITU COATING THICKNESS (IST) SENSOR
- EX-SITU COATING PROPERTY (ECP) SENSOR
- COMMAND CENTER (ROBOT INTEGRATION)
- FLASH INFRARED THERMOGRAPHY (NDE)



SERVICES / R&D SOLUTIONS

- THERMAL SPRAY PROCESS OPTIMIZATION
- THERMAL SPRAY COATING STRESS EVOLUTION ANALYSIS
- EVALUATION OF COATING NONLINEAR ELASTICITY
- NONDESTRUCTIVE EVALUATION (NDE) & COATING DEFECT DETECTION
- ADVANCED MICROSTRUCTURE ANALYSIS & CORRELATION
- THERMO-MECHANICAL ANALYSIS OF SPRAYED COATINGS



