

# Thermal spray: practical solutions for engineering problems: proceedings of the 9th National Thermal Spray Conference, 7-11 October 1996, Cincinnati, Ohio

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20442493&lokasi=lokal>

---

## Abstrak

### Contents

- Alphabetical Listing of paper Titles to NTSC'96
- Tungsten Coatings for Nuclear Fusion Devices
- Vacuum Plasma Spray Forming of Tungsten Base Functionally Gradient Composites
- Thermal Spray Deposition and Evaluation of Low-Z Coatings
- Development of Reliable Spray and Fuse Coatings for Boiler Protection
- The High Temperature Erosion/Corrosion Behavior of Industrial Thermally Sprayed Coatings
- Thermal Spray Alternatives for Electroplated Chromium
- A Study on Thermal Spray Coatings of Recuperators
- Energy Absorption Capacity of Thermally Sprayed Aluminium Friction Damper
- Applying Traction Coating to Steel Mill Rolls
- Ultrasonic Application of Thick Metallic Coatings
- The Effect of Spraying Conditions on the Corrosion Resistance of Titanium Coatings for Surgical Implants
- Influence of Ceramic Content and Additives on the Abrasion Resistance of Arc Sprayed Stainless Steel-TiB<sub>2</sub> Coatings
- Structure, Properties and Potentials of WC-CO, Cr<sub>3</sub>C<sub>2</sub>-NiCr and TiC-Ni-Based Hardmetal-Like Coatings
- Microstructure and Properties of WC-CO-Cr Coatings
- Characterization of WC-Co Coatings Using HP/HVOF Process
- Microstructure and Abrasion Resistance of Plasma Sprayed Cermet Coatings
- Characterization of Erosion Resistant Cr<sub>3</sub>C<sub>2</sub>-NiCr Plasma Sprayed Coatings
- The Utilization of Acetylene and Acetylene Based Gas Mixtures for the HVOF Coating of Chromium Oxide
- Improved High Temperature Iron Oxide Based Tribological Coatings
- Behavior of Some Tungsten Carbide Coatings in Molten Zinc
- Chromium Carbide Coatings Produced With Various HVOF Spray Systems
- Cavitation Erosion of HVOF Coatings
- Chromium Carbide Coatings for High Temperature Erosion Resistance
- Titanium Carbide in Wear Resistant Coatings
- Effect of HVOF Gas Velocity and Fuel to Oxygen Ratio on the Wear Properties of Tungsten Carbide Coating

- Electrochemical Aging of Thermal Sprayed Zinc Anodes on Concrete
- Stainless Steel Coatings for Corrosion Protection of Steel Rebars  
on Those for the Corrosion Protection of Steel and Reinforced Concrete
- International and National Thermal Spray Standards Program With Comment on  
Those for the Corrosion Protection of Steel and Reinforced Concrete
- The Importance of Corrosion on the Erosion-Corrosion Performance of Thermal  
Spray Ceramic-Metallic Coatings
- Use of Combined Plasma Cleaning/Coating Process for the Cathodic Protection  
of Reinforced Concrete Structures
- The Mechanical Properties of Combustion-Sprayed Polymers and Blends
- Effect of Processing Parameters on the Wear Resistance of Thermally Sprayed  
Epoxy Coatings
- The Effect of Deposition Parameters on the Degradation of Plasma Sprayed  
Polymer Coatings
- Experimental Approach to Adhesion Between an Alumina Plasma-Sp