

ELECTRODEPOSITION OF PROTECTIVE COATINGS

Innovations and Benefits - This technology significantly improves the resistance of metal materials to high-temperature corrosion, by way of a simple and low-cost process that can be also applied to surfaces having a complex form.

Uses - Protection of small-sized surfaces of metal components to be used under critical conditions (corrosion, high temperatures).

Past and Present Activities - Prototype facility for automatic deposition of protective metal coatings using special electrical treatments (ESD - Electro Spark Deposition). Contacts are underway with some companies interested in the ESD technology, such as Alfa Laval Italia, RWM Italia, Avio Aero SpA.

