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Content

Editor's Note

Is 2022 Any Different?

— Darrell J Reeve

Welcome to SFJ 2022 — We hope that you will continue to find new and exciting technologies and techniques within our journal that will assist you to rejuvenate and enhance your business enterprise. Surface Finishing is expanding into new areas more and more in line with the ever increasing, sophisticated and specific developments in electronics, automation, environmental requirements and materials use efficiencies.

Electrostatic Painting

Liquid Paint Application with Electrostatics

— Peter Neu, Senior Product Manager, WAGNER Industrial Solutions, Germany

The electrostatic coating of surfaces has been state of the art for years. Highest surface quality and a particularly high application efficiency, which takes into account increasingly stringent environmental regulations, are the drivers of this technology. However, due to the higher initial costs compared to conventional liquid coating and existing safety concerns, some users shy away from the use of electrostatics.

Automotive Paint Booths

Smarter Auto Paint Booths and Applicators Assists Sustainability

Sustainability issues are a growing concern for governments and citizens. Therefore, protecting the environment from further deterioration and meeting consumer demands are top concerns for automakers. This has had a major impact on the processes and techniques that automakers use when applying adhesives, paints and coatings.

Environmental Challenges

Self Assessment — Environmental Benchmarking

— Darrell Reeve, Managing Director, Cleaner Production Australia, an independent environmental consultancy; Tertiary qualifications in Applied Chemistry, Production Management, Metal Finishing & Chemical Engineering; Member, Institute of Materials Finishing

This current article will focus on showing how your individual organization can actually do its own self assessment in this field. This exercise will give you an idea as to how you compare environmentally with the industry leaders in your specific sectors of operation and hopefully enable you to improve your own environmental performance and the bottom line profit at the same time.

Regular Columns

Product Showcase

Trade Shows & Forums



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