



YOU

CONTROL THE CLOUD.

TAKE CONTROL OF YOUR POWDER CLOUD... WITH GEMA.

Controlling your powder spray cloud is crucial to your powder coating process for many key reasons – one of them being **REDUCING REWORK AND DEFECTS**.

The total amount of time spent on redoing work and addressing defects is an obvious indicator of how well your powder coating process is optimized. Rework and defects are among the most expensive problems in a powder coating operation. If you're repeatedly facing issues like orange peel, thin spots, heavy buildup, back ionization, inconsistent film thickness, operators adjusting settings or doing touchup, and/or rejected parts after inspection or due to poor fitment, these problems may be the results of a poorly controlled powder spray cloud.

Reducing rework and defects begins with an optimally controlled spray cloud. When powder movement is stable, targeted and repeatable, your coating results become more consistent – helping you improve finish quality, reduce part rejects requiring correction, decrease customer complaints, increase operator productivity, and control the total cost per coated part.



ARE PARTS HAVING TO BE RECOATED, STRIPPED, OR REPROCESSED?
ARE POWDER SETTINGS FREQUENTLY ADJUSTED DURING PRODUCTION?

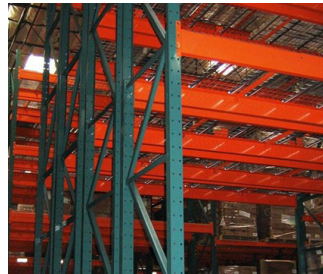
Reduce rework and defects by controlling the key application variables that shape coating quality. These are the some of the “Cloud Control” solutions we’ve addressed in our previous 5 topic sheets:

- **Electrostatic Control** from spray guns and grounded accessories for more reliable powder deposition and fewer defects caused by poor charging.
- **Powder Flow and Feed Accuracy** for a more consistent thickness and film build with less variation from part to part and fewer rejects.
- **Nozzle and Pattern Control** for improved powder coverage consistency and reduced touchups on edges, corners and recesses.
- **Automated Coating** for dynamic gun positioning and on/off spray triggering for repeatable results and predictable first-pass quality.
- **Spray Booth Environments** that are clean to prevent powder accumulation and ambient contamination and offer better working conditions.



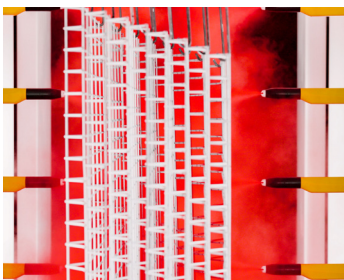
ARE YOUR FILM THICKNESS READINGS INCONSISTENT?

ARE OPERATORS TOUCHING UP THE SAME AREAS REPEATEDLY?



We're not just selling powder guns. We deliver systems and technologies that allow you to control the powder cloud. And when You Control the Cloud, you control the quality, time and cost of the finish.
You control the RESULTS.

- Higher first-pass production yield
- Reduced rework from imperfections or rejects
- Improved coating productivity and transfer efficiency
- Lower powder consumption
- More predictable production line process



Contact us at **877.437.6771** or **powdersales@gema.us.com**