



ENGINEERED SOLUTIONS IN SURFACE FINISHING

**ESTABLISHED 1948**



# ENGINEERED SOLUTIONS IN

## METAL FINISHING

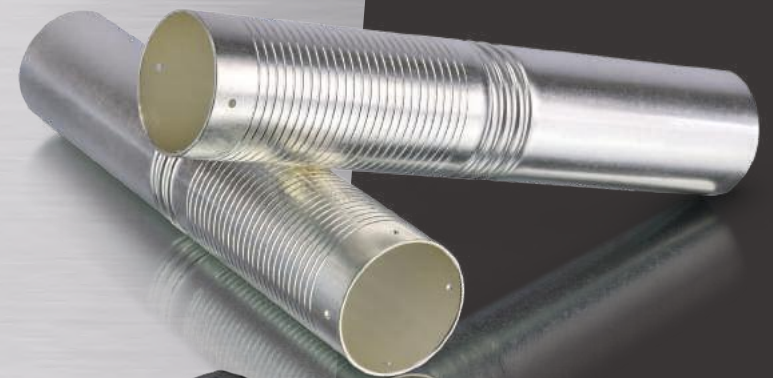
Our knowledgeable engineering team can provide expert consultation across common surface engineering topics including solderability, brazing, wire bonding, corrosion resistance, wear resistance, lubricity, cleanliness, biocompatibility, cycle life and passivity. Whether you have demanding new design or existing metal finishing issue, our staff is ready to listen to your requirements and couple a metal finishing solution appropriate to your application.

## QUALITY

Advanced Plating Technologies' engineering, processing and quality management systems have been forged around the rigid requirements of ISO 13485 and ISO 9001 standards. In addition, APT is regularly audited by major OEMs and Tier 1 suppliers within today's most demanding sectors, including the medical, defense and aerospace industries. We offer full PPAP and FMEA analysis and provide strict lot control and processing traceability for even the most demanding applications.

## SERVICE

Our dedicated engineering staff of certified finishing engineers is directly involved from the preliminary quote to steady-state production with each part we process. Detailed communication is provided from initial quoting and prototyping through first articles, PPAP and process validations, to ensure parts meet your specified requirements. New business is handled by a dedicated customer service team to streamline communication and transition new projects to successful steady state production.



# FINISHES

BARREL PLATING, VIBRATORY PLATING, RACK PLATING, HEAVY BUILD PLATING, SELECTIVE PLATING

POWDER COATING, SELECTIVE POWDER COATING

PASSIVATION

VAPOR DEGREASING

ULTRASONIC CLEANING

HARD GOLD, SOFT GOLD, DUPLEX GOLD

MATTE SILVER, SEMIBRIGHT SILVER, BRIGHT SILVER

BLACK-TPD<sup>®</sup>, DUCTA-BRIGHT 7A<sup>®</sup> NICKEL, ECLIPSE-TPD<sup>®</sup>, TACTI-BLACK<sup>®</sup> ELECTROLESS NICKEL, DURA-NICKEL HP+<sup>®</sup>

BRIGHT NICKEL, WATTS NICKEL, SULFAMATE NICKEL, BLACK NICKEL, ELECTROLESS NICKEL, BLACK ELECTROLESS NICKEL (TACTI-BLACK<sup>®</sup>)

COPPER

BRIGHT TIN, MATTE TIN

TIN-LEAD, LEAD

LAB SERVICES

TESTING SERVICES

SUBASSEMBLY



ISO 9001

QUALITY MANAGEMENT



ISO 13485

MEDICAL DEVICES



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# ABOUT APT

Advanced Plating Technologies was originally founded in 1948 as Artistic Plating Company by James H. Lindstedt, Harry C. Lindstedt and Earl Herrington. Artistic Plating Company began as a simple job-shop welcoming retail refinishing work as well as the smallest of production orders. The founders chose the name "Artistic Plating" due to the company's decorative finishing work of both private heirlooms and religious artifacts; this company name also afforded an early alphabetical listing in the phone book. Artistic Plating Company grew steadily through the years, developing a commercial/production focus within the regional plumbing, power distribution and medical markets. The name was changed to Advanced Plating Technologies in 2013 to reflect this shift.

Advanced Plating Technologies now services a wide breadth of industries across the United States and overseas within the medical, defense, ammunition/firearm, power distribution/transmission, petrochemical & telecommunications markets among others. Our knowledgeable and experienced staff welcomes the opportunity to listen to your specific design requirements to clearly define a finishing and testing protocol suited to your unique application. Our manufacturing processes are forged around a quality system that provides complete assurance of product consistency and quality by validating results against design and specification requirements.

Advanced Plating Technologies is deeply involved within the surface finishing industry helping to set industry direction in education, process development and environmental stewardship. A fourth-generation family owned and operated company, Advanced Plating Technologies exemplifies the best in Wisconsin's businesses and entrepreneurship.



# WHY APT?



## VERSATILITY

Rack, barrel and vibratory processing of over thirty plated, passivation and powder coated finishes on nearly any metallic substrate from prototype to high volume production.

## SUPPORT

A focused team of degreed engineers, quality staff and Certified Electroplater Finishers (CEF) await your specific application.

## CAPABILITY

Rack, barrel and vibratory processing available. Innovative barrel techniques, heavy build, selective finishing, delicate handling, high cleanliness and plate-to-gauge applications welcomed.

## CERTIFICATION

ISO 13485 & ISO 9001 certified, ITAR Registered, Type 10 Federal Firearms License (FFL), numerous corporate approvals.

## SERVICE

Reliable lead times, rapid finish prototyping consistent with production, concept to production engineering support, inventory management, subassembly services.

## ENVIRONMENTAL STEWARDSHIP

A flawless environmental history highlighted by every local, state and federal environmental award within the metal finishing industry.

## MARKETS WE SERVE

- Medical
- Defense
- Ammunition & Firearm
- Power Distribution & Transmission
- Oil & Gas
- Bearing
- Telecommunications/Electronic
- Energy & Energy Storage
- Marine
- Aerospace
- Railway
- Fastener

[WWW.ADVANCEDPLATINGTECH.COM](http://WWW.ADVANCEDPLATINGTECH.COM)