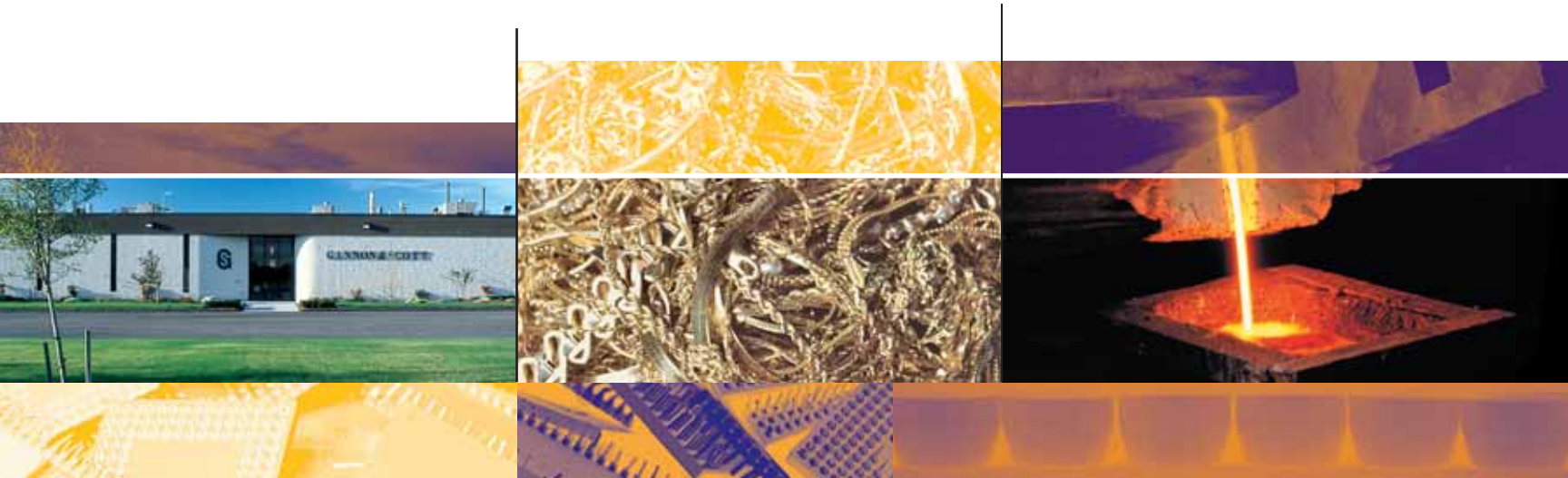




GANNON & SCOTT

Refiners and Assayers of Precious Metals Since 1919



The difference is refined thinking.

Full-service refining & assaying since 1919

Materials Processed

- Jewelry Scrap
- Dental Scrap
- Ceramics
- Electronic Scrap
- Polishings
- Filters
- Wipes/Rags
- Connectors
- Resins
- Sludges
- Floor Sweeps
- Slags
- Solutions

Assaying Tests

- Fire Assay
- ICP Multi-element Analysis
- Gravimetric Analysis
- Atomic Absorption
- Volumetric Analysis
- Plating Thickness Determination

Bringing Innovative Thinking to Refining

Gannon & Scott provides state-of-the-art precious metal refining and assaying services to leading companies across North America. With processing facilities located on both the East and West Coasts, and the most sophisticated refining technologies in place, Gannon & Scott is capable



of sampling precious metal bearing material on a large and small scale. This is accomplished while maintaining the customer-focused attitude that our clients have come to value most in their relationships with Gannon & Scott.

Growing to Meet the Changing Needs of our Customers

Maintaining a competitive advantage in the refining industry requires constant investment in processing technology and in the professional skills of employees. In this area Gannon & Scott stands apart from other refiners. All facilities constantly upgrade technology in all departments. The state-of-the-art plant in Phoenix, Arizona has further enhanced our ability to serve companies with nationwide



manufacturing operations. These investments have been made to meet the most challenging refining requirements now and into the future.



Supporting Your Business with Experience and Expertise



John L. Gannon, President & Owner

Our staff has wide-ranging experience advising manufacturers on the development and implementation of efficient precious metals recycling programs. To remain at the forefront of the precious metals industry, Gannon & Scott also plays a leading role in many industry and scientific organizations, including the International Precious Metals Institute (IPMI), the International Microelectronics and Packaging Society (IMAPS), American Electroplaters and Surface Finishers Society (AESF), Manufacturing Jewelers and Suppliers of America (MJSA), Jewelers Board of Trade (JBT), and The Silver Users Association (SUA).

Secure, Environmentally Safe Facilities

Gannon & Scott's processing plants are conveniently located in major metropolitan areas making customer visits and representation during the refining process easy to arrange. Elaborate security systems protect our facilities and, more importantly, your materials. Additionally, we take pride in our environmental controls and in the peace of mind they give our customers.



Security Measures

- Refining facilities are completely secured.
- 24-hour monitoring.
- Multi-level security system.
- Material is tracked by computer from initial receiving through each stage of processing to ensure lot integrity.
- Our process guarantees complete product destruction and customer confidentiality; a Certificate of Destruction is provided upon request.



Environmental Safeguards

- All facilities are zero discharge.
- Facilities are in full compliance with the U.S. Environmental Protection Agency, the Department of Transportation, the R.I. Department of Environmental Management, and the Arizona Department of Environmental Quality.
- Scrubbers, dust collectors and secondary burners are used to control emissions.
- We are licensed and insured to transport hazardous waste in Rhode Island, Arizona, Massachusetts, Connecticut, New York and New Hampshire. For all other states we use licensed and insured hazardous waste transporters.

East Coast/Corporate Offices

33 Kenney Drive, Cranston, RI 02920

West Coast

2113 East Sky Harbor Circle South, Phoenix, AZ 85034



GANNON & SCOTT

800-556-7296 www.gannon-scott.com

Meltables



Gannon & Scott's melting facilities are designed to efficiently handle a wide variety of scrap material while meeting the strictest requirements for accuracy and employee safety. Advanced refining technology, combined with our experienced, well-trained staff, ensures each customer the maximum recovery of their precious metals. Gannon & Scott has developed a number of specialized melting processes that give us the ability to provide the highest level of service for our customers.



Gannon & Scott Advantages

- State-of-the-art electric induction melting furnaces reduce processing fees for our customers.
- A variety of furnace sizes accommodate a wide range of lot sizes.
- Our 2000 pound capacity furnace gives us the ability to process large volumes of material efficiently and consistently.
- A proprietary casting system reduces loss during the pouring operation.

Types of Material Processed

- | | |
|--------------------|--------------------|
| • Jewelry Scrap | • Industrial Scrap |
| • Electronic Scrap | • Cathodes |
| • Dental Scrap | • Plating Scrap |

East Coast/Corporate Offices
33 Kenney Drive, Cranston, RI 02920

West Coast
2113 East Sky Harbor Circle South, Phoenix, AZ 85034



GANNON & SCOTT
800-556-7296 www.gannon-scott.com

Burnables



Gannon & Scott's thermal reduction capabilities accommodate a wide range of customer specifications. We maintain batch integrity throughout the thermal reduction, milling, screening and sampling processes.

Also, by roasting at low temperatures, we insure against loss of material. These and other refining enhancements enable us to provide the highest return to our customers.



Gannon & Scott Advantages

- Our thermal reduction systems support a variety of customer requirements. Our tray furnaces allow us to process multiple lots simultaneously.
- For large lots requiring high temperature burn, our automated low draft thermal reduction furnaces can process up to 600 pounds per hour while insuring against loss of material.
- Ball mills ranging in capacity from 10 pounds to 4000 pounds pulverize the precious metal bearing material to less than 40 mesh.
- A closed-loop system transfers material by vacuum conveyance.
- Vibrating screens are used to separate the sweeps from the oversized material.
- Tumble blending ensures that the material is fully homogenized.



Types of Material Processed

- Polishings
- Filters
- Wipes/Rags
- Circuit Boards
- Flexi-Circuits
- Electronic Scrap
- Connectors
- Carbon-Based Materials
- Resins
- Sludges
- Floor Sweeps
- Pastes

East Coast/Corporate Offices
33 Kenney Drive, Cranston, RI 02920

West Coast
2113 East Sky Harbor Circle South, Phoenix, AZ 85034



GANNON & SCOTT
800-556-7296 www.gannon-scott.com

Solutions



Gannon & Scott has the expertise and advanced technology to recover precious metals from solutions. Our facilities are designed to ensure the maximum recovery of precious metals while maintaining environmentally safe handling procedures.



Gannon & Scott Advantages

- All facilities are zero discharge.
- Precious metals are recovered using precipitation, reverse plating and ion exchange processes.
- Modern cyanide stripping allows us to process large volumes of gold plated material efficiently.



Types of Material Processed

- Plating Solutions
- Strip Solutions
- PGM Solutions
- Gold Plated Materials
- Acid Solutions
- Stone Removal

East Coast/Corporate Offices

33 Kenney Drive, Cranston, RI 02920

West Coast

2113 East Sky Harbor Circle South, Phoenix, AZ 85034



GANNON & SCOTT

800-556-7296 www.gannon-scott.com

Assaying



Gannon & Scott's analytical services provide chemical analyses and assaying for our refinery operations and our customers. Our skilled laboratory technicians maintain a high level of expertise in fire assay, classical wet chemistry, AA and ICP methods to measure precious and base metals in a wide range of matrices and concentrations. Evidence of Gannon & Scott's accuracy and reliability is found in the thousands of quality control assays we perform each year for major retailers and financial institutions across the United States.



Gannon & Scott Advantages

- Analytical procedures are customized by material.
- Our full-service laboratory utilizes a wide variety of precious metals analyses.
- Managers are available to discuss analytical procedures and specifications with customers.
- A computerized information system facilitates data management.

Analytical Techniques

- Fire Assay
- ICP Multi-element Analysis
- Gravimetric Analysis
- Atomic Absorption
- Volumetric Analysis
- Plating Thickness Determination

East Coast/Corporate Offices
33 Kenney Drive, Cranston, RI 02920

West Coast
2113 East Sky Harbor Circle South, Phoenix, AZ 85034



GANNON & SCOTT
800-556-7296 www.gannon-scott.com

Products



Gannon & Scott brings full-service refining to a new level with a complete line of precious metal and specialty products. This product line includes:

GRAIN

SHEET

WIRE

TUBING

BULLION & COINS

CHEMICAL PRODUCTS

PLATING

SPECIALTY

LEAD & LEAD-FREE SOLDERS/PASTES

Please see attached detailed listing of available product line.

We can provide these products at settlement time or offer them for sale. As a "one-stop shop", Gannon & Scott is committed to providing our customers with the most timely and efficient service in the refining industry.

East Coast/Corporate Offices
33 Kenney Drive, Cranston, RI 02920

West Coast
2113 East Sky Harbor Circle South, Phoenix, AZ 85034



GANNON & SCOTT
800-556-7296 www.gannon-scott.com

Shredding



Gannon & Scott offers a shredding process for materials with intrinsic values that do not justify a 100% burn. The material is shredded to 3/4 inch and then passed through a splitter. The resulting 10% sample is burned, milled, screened, blended or melted, and sampled. The assay of the sample is then applied to the weight of the entire lot.

Gannon & Scott Advantages

- Splitter sampling assures accurate representation of the lot.
- Low cost process for low grade materials.
- Process and equipment are completely visible.
- Shred and sample capabilities at both facilities.



Types of Material Processed

- Circuit boards
- Connectors
- Contacts
- Reel to reel metallics
- Plated wire
- Blanking scrap

East Coast/Corporate Offices
33 Kenney Drive, Cranston, RI 02920

West Coast
2113 East Sky Harbor Circle South, Phoenix, AZ 85034



GANNON & SCOTT
800-556-7296 www.gannon-scott.com

Full-service refining & assaying since 1919

Materials Processed

- Ceramics
- Circuit Boards
- Connectors
- Dental Scrap
- Electronic Scrap
- Filters
- Floor Sweeps
- Jewelry Scrap
- Polishings
- Resins
- Slags
- Sludges
- Solutions
- Wipes/Rags

Analytical Services

- Fire Assay
- ICP Multi-Element Analysis
- Gravimetric Analysis
- Atomic Absorption
- Volumetric Analysis
- Plating Thickness Determination

Gannon & Scott is proud to play a leading role in many industry and scientific organizations, including:

- American Electroplaters and Surface Finishers Society (AESF)
- American Society for Industrial Security (ASIS)
- American Society of Metals (ASM)
- International Institute of Connector & Interconnection Technology, Inc. (IICIT)
- International Microelectronics and Packaging Society (IMAPS)
- International Precious Metals Institute (IPMI)
- Jewelers Board of Trade (JBT)
- Manufacturing Jewelers and Suppliers of America (MJSA)
- Silver Users Association (SUA)
- Women's Jewelry Association, Inc. (WJA)



Tel: 800-556-7296
Fax: 401-463-5971
email: sales@gannon-scott.com
www.gannon-scott.com

East Coast/Corporate Offices

33 Kenney Drive
Cranston, RI 02920

West Coast

2113 East Sky Harbor Circle South
Phoenix, AZ 85034

The difference is refined thinking.

Bringing Innovative Thinking to Refining

Established in 1919, Gannon & Scott combines a long tradition of integrity with the industry's most advanced refining technologies. We provide a full-range of refining and assaying services, all performed in-house, to leading companies worldwide. Our results are consistently accurate and are guaranteed to be unsurpassed in the industry. Our team of professionals combines industry expertise with a commitment to benefit our clients where it matters most - their bottom line.



Gannon & Scott's many advantages include:

- We go beyond the typical customer-vendor relationship by establishing a true partnership with our clients.
- Processing facilities on both the East and West Coasts to serve companies with multiple locations.

- State-of-the-art security systems to protect your materials and computerized tracking to ensure lot integrity.
- Advanced environmental safe guards such as zero discharge at both facilities, and full compliance with all industry and government regulations.



Services Provided



Meltables

Gannon & Scott's melting facilities are designed to efficiently handle an array of scrap materials and quantities while meeting strict requirements for accuracy and employee safety. Our induction furnaces range in size from 5 lbs. to 2000 lbs.



Solutions

We have the expertise and advanced technology to recover precious metals using precipitation, reverse plating and ion exchange processes. Our facilities are designed to ensure the maximum recovery of precious metals while maintaining environmentally safe handling procedures.



Burnables

Our thermal reduction capabilities accommodate a variety of customer specifications. Batch integrity is maintained throughout the process. For large lots requiring high temperature burn, our automated low draft thermal reduction furnaces can process up to 600 pounds per hour. Ball mills ranging from 10 pounds to 4000 pounds pulverize the precious metal bearing material. A closed-loop system transfers materials by vacuum conveyance.

Tumble blending ensures that the material is fully homogenized prior to sampling.



Analyses

Our analytical services division provides chemical analyses and assaying for our refinery operations as well as independent quality control services for the metals community. Skilled laboratory technicians maintain a high level of expertise in fire assay, classical wet chemistry, AA and ICP methods to measure precious and base metals in a wide range of matrices and concentrations.



Shredding

Gannon & Scott offers a shredding process for materials with intrinsic values that do not justify a 100% burn or melt. The material is shredded to 3/4" and then passed through a sampling splitter. The resulting sample is burned, milled, screened, blended or melted and sampled. The assay of the sample is then applied to the weight of the entire lot.



Products

Gannon & Scott brings full-service refining to a new level with a complete line of precious metals and specialty products. Our product line includes:

- Plating Products
- HD Gold Stripper
- Resins
- Grain
- Lead & Lead Free Solders/Pastes
- Sheet/Wire/Tubing
- Bullion & Coins
- Chemical Products