

metallix



PRECIOUS METAL RECYCLING

Founded in 1968, Metallix is a leader and innovator in the precious metals recycling industry.

The advanced processing technology developed by Metallix significantly increases our recycling capabilities, providing an effective and expedient processing route for a number of precious metals.

The Metallix Team has a wealth of experience serving a variety of industries that use precious metals.



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SPECIALITY CHEMICALS

Innovative
leaders of
precious metal
recycling

Metallix recycles, refines and purchase materials containing gold, silver, platinum, palladium, rhodium and iridium.

RECYCLED PRECIOUS METALS WASTE STREAMS:

Spent Catalyst	Liners
Slurries	Mop Heads
Sludges	PPE / Gloves
Mother Liquor	Rags
Lab Packs / Samples	Spill Pads / Mats
Filter Media / Cake	
Expired / Virgin Catalyst	
Metal Scavengers	

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The Metallix precious metals recycling facility is located on a 27-acre site in Greenville, North Carolina. This 140,000 square-foot processing plant has the industry's most advanced technology and methodology to maximize efficiency and value.

- ISO 9001:2015 certified quality management system at the Greenville, NC, processing facility
- ISO 14001:2015 certified environmental system at the Greenville, NC, processing facility
- ISO 45001:2018 certified Occupational Health and Safety management system at the Greenville, NC, processing facility
- ITAR Compliance
- Conflict Minerals Compliance 3T/G
- AML Regulated (Anti Money Laundering)
- C-TPAT Certification
- Analytical Lab
- 24/7 Secure Access Site
- Bank Wire or Metal Transfer
- Global Logistics



Certificate of Recycling issued.

MELT

Our melting furnaces range in capacity from just a few troy ounces up to 2,000 pounds to accommodate and process material lots varying in type, size and precious metals content.

THERMAL REDUCTION

Metallix's APR³ is the only thermal reduction furnace of its kind in our industry and was specifically designed to meet the challenge of improving the processing of valuable "Burnable" precious metal bearing materials.

MECHANICAL REDUCTION

Ball mills, sifters and blenders are used to convert the precious metal bearing materials to a homogeneous particle size to help evaluate the precious metal content.

WET CHEMICAL


Our wet chemical department has the capability to recover precious metals by electrolysis, dissolution, separation, and precipitation.

ANALYTICAL LABORATORY

Samples from each treated and processed lot are tested for their precious metals type and content. We can detect gold, silver, platinum, palladium, rhodium and iridium, as well as other elements, through methods that include fire assay, chemical analysis, X-ray, and ICP.

To find out more information on the services Metallix can provide please contact us at sales@metallix.com

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New Jersey Headquarters

Metallix Refining Inc.
59 Avenue at the Common
Suite 201
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USA

Greenville Processing Facility

Metallix Refining Inc.
251 Industrial Blvd.
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USA

Metallix Refining Europe Ltd.

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