

AU

The Metallix Team has a wealth of industry knowledge and are here to guide you through the process of developing a precious metals recycling plan that aligns with your business goals, forming a partnership for lasting success.

- ISO9001:2015 certified quality management system at the Greenville, NC, processing facility
- ISO14001:2015 certified environmental system at the Greenville, NC, processing facility
- ITAR Compliance
- Conflict Minerals Compliance 3T/G
- AML Regulated (Anti Money Laundering)
- Analytical Lab
- 24/7 Secure Access Site
- Bank Wire or Metal Transfer
- Global Logistics



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



metallix

THERMAL REDUCTION DEPARTMENT

New Jersey Headquarters

Metallix Refining Inc.
59 Avenue at the
Common
Suite 201
Shrewsbury, NJ 07702
USA

Precious Metals Refinery

Metallix Refining Inc.
251 Industrial Blvd.
Greenville, NC 27834
USA

Metallix Refining Europe Ltd.

The Old Builders Yard
Wentworth Village
Rotherham, S62 7SB
UK

Metallix Refining Asia Ltd.

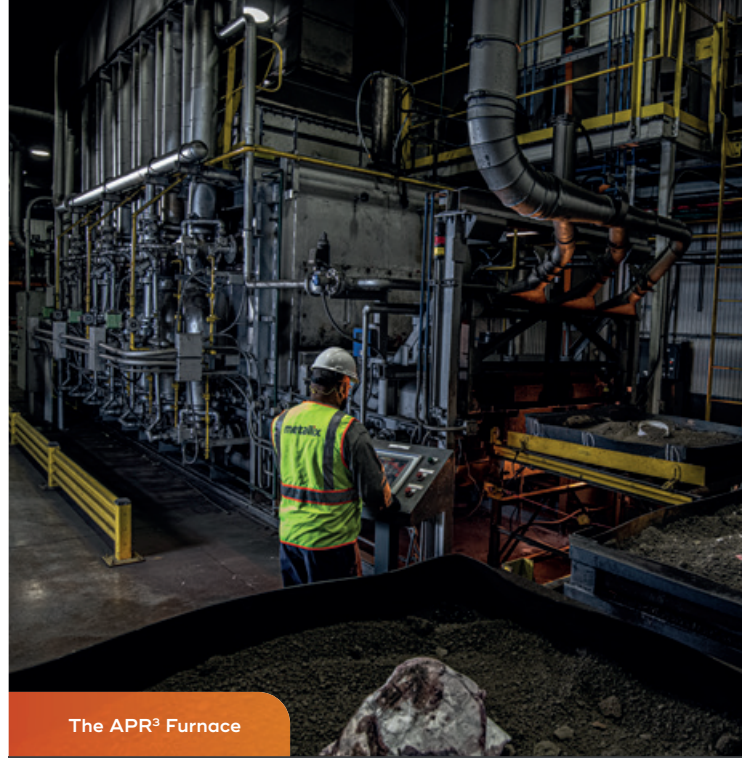
69 Nonhyeongojan-ro
54 beon-gil
Namdong-gu, Incheon 21682
Republic of Korea

A PRECIOUS METALS
RECYCLING COMPANY

THERMAL REDUCTION PROCESS

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.

Most precious metal bearing materials need to be processed in our thermal reduction department to reduce organics surrounding the material and decrease moisture, resulting in a precious metal bearing scrap that is sent to one of our other departments for further upgrading.



The APR³ Furnace

THE APR³ FURNACE

Proprietarily designed, the APR³ Furnace has an automated continuous feed. Each material lot is processed using a unique recipe under controlled combustion determined by the physical characteristics of the material treated. This turbulent free environment minimizes precious metal losses, increasing the value of the material.



The TR1 Furnace

TR1 & TR2

The TR1 and TR2 are box atmosphere furnaces designed to accommodate large scale or bulk materials, or materials that require processing at a slower rate. As with the APR, all materials processed are reviewed and physical characteristics analyzed to determine customized thermal reduction formulas. These very specific conditions optimize precious metal values.

The APR³, TR1 and TR2 thermal reduction process create a precious metal bearing ash. This ash is sent to the Mechanical Reduction, Melt Department or Wet Chemistry Department for further upgrading.



We can efficiently process a diverse range of precious metal bearing materials