metallix

PRECIOUS METAL RECYCLING

Innovative leaders of precious metal recycling

Metallix recycles, refines and purchase materials containing Gold, Silver, Platinum, Palladium, Rhodium and Iridium.

RECYCLED PGM 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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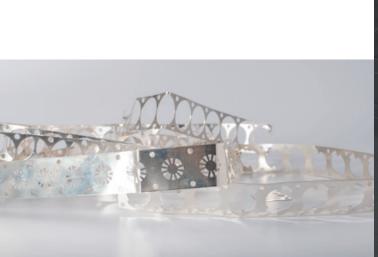


PRECIOUS METALS RECYCLING

Founded in 1968, Metallix is a leader and innovator in the precious metals recycling industry. Metallix purchases, recycles, and refines materials containing gold, silver, platinum, palladium, rhodium and iridium.

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.





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 LAB

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, ICP and partition.

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

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