



Johnson Matthey
PGM Refining

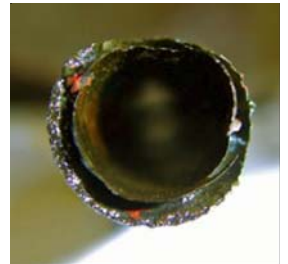
Metal Locked Up in Your Plant? Now is the time to act

In today's economic climate, it is essential that you realise the most value from available assets and resources

The need for intensive processing can lead to valuable precious metal accumulating in your plant. This can include plating in vessels, depositions on heat exchangers or simply surface contamination.

Good housekeeping and asset management are paramount to efficient plant operation, the specialist service we offer exceeds results achievable with conventional methods and enables you to concentrate on your core business.

Johnson Matthey has been developing metal recovery technology with RS Bruce Ltd for over 25 years. This, coupled with over 200 years of precious metal knowledge enables us to offer a unique service unlocking metal from the following example areas:



- Reactors
- Ductwork and Pipework
- Flash Vessels
- Heat Exchangers
- Boilers
- Wall and Floor contamination
- Component plating or surface contamination
- Gulleys, catchpits and drains
- Distillation Columns



Technical Service

A) On site or Off site Non Destructive Recovery

– We have developed onsite techniques to effectively clean and recover metal from plants during scheduled or unexpected shutdowns or turnarounds. All work is conducted under method statements and risk assessments by our experienced personnel.

B) Destructive Clean – Redundant equipment or components can be removed from site and treated at our facility.

C) Plant Purchase – Redundant equipment or whole plants can be purchased outright, dismantled and removed.

Total Metal Recycling

Concentrate from the metal recovered is treated at one of our global refineries. The precious metal recovered can then be sold, converted to catalyst/salts or simply held on account with JM for sale at a later date. You will have the security of the metal being held at the world's largest secondary precious metal refiner.

