



**TAKING CARE OF
YOUR BUSINESS
AND THE
ENVIRONMENT**



FUTURE
INDUSTRIAL SERVICES LTD

www.futureindustrial.com

NATIONWIDE COVERAGE

OFFERING A LOCAL SERVICE



FIS CENTRAL

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FIS North East	✉ enquiriesnortheast@futureindustrial.com	☎ 01289 330 347

ALWAYS THERE WHEN YOU NEED US

FIS is dedicated to finding the most cost effective, safe and environmentally friendly plan for your waste management. Our comprehensive industrial cleaning and decontamination service includes:

- Largest UK fleet of truck mounted Disab vacuum trucks
- Silo Cleaning & material transfer expertise
- Rope access cleaning and decontamination
- Total waste management & recycling
- Site services and industrial cleaning labour



Using our expertise, trained personnel and specialist equipment we will:

- Identify your most appropriate cleaning and decontamination methods
- Produce comprehensive method statements and risk assessments
- Complete tests for contaminants and obtain permits to work
- Ensure waste is **reduced, reused** and **recycled** wherever possible



OUR SERVICES

High pressure jetting

Interceptor cleaning

High level rope access cleaning

Tank cleaning

Drain cleaning & CCTV surveys

AD, EfW & silo cleaning



SPECIAL PROJECTS

Smooth & Efficient Project Completion

When **shutdowns, outages, bespoke technical projects** or decommissioning are essential, you can rely on FIS to deliver.

Our Special Projects Management Team will work in partnership with you to identify and address key issues when planning project work. This ensures smooth and efficient project completion that returns systems to operations on time and with minimum disruption. Working as a coherent unit, the team has access to an extensive range of specialist plant, equipment and technical expertise.



EXCEEDING CUSTOMER EXPECTATIONS

Management and staff at Future Industrial Services in Hull have been involved in the design, development, and manufacture of specialist hydro abrasive cutting equipment for over 30 years across the Petro-Chemical, Chemical, Gas and Utilities as well as Military applications.

The cutting is commonly used on:

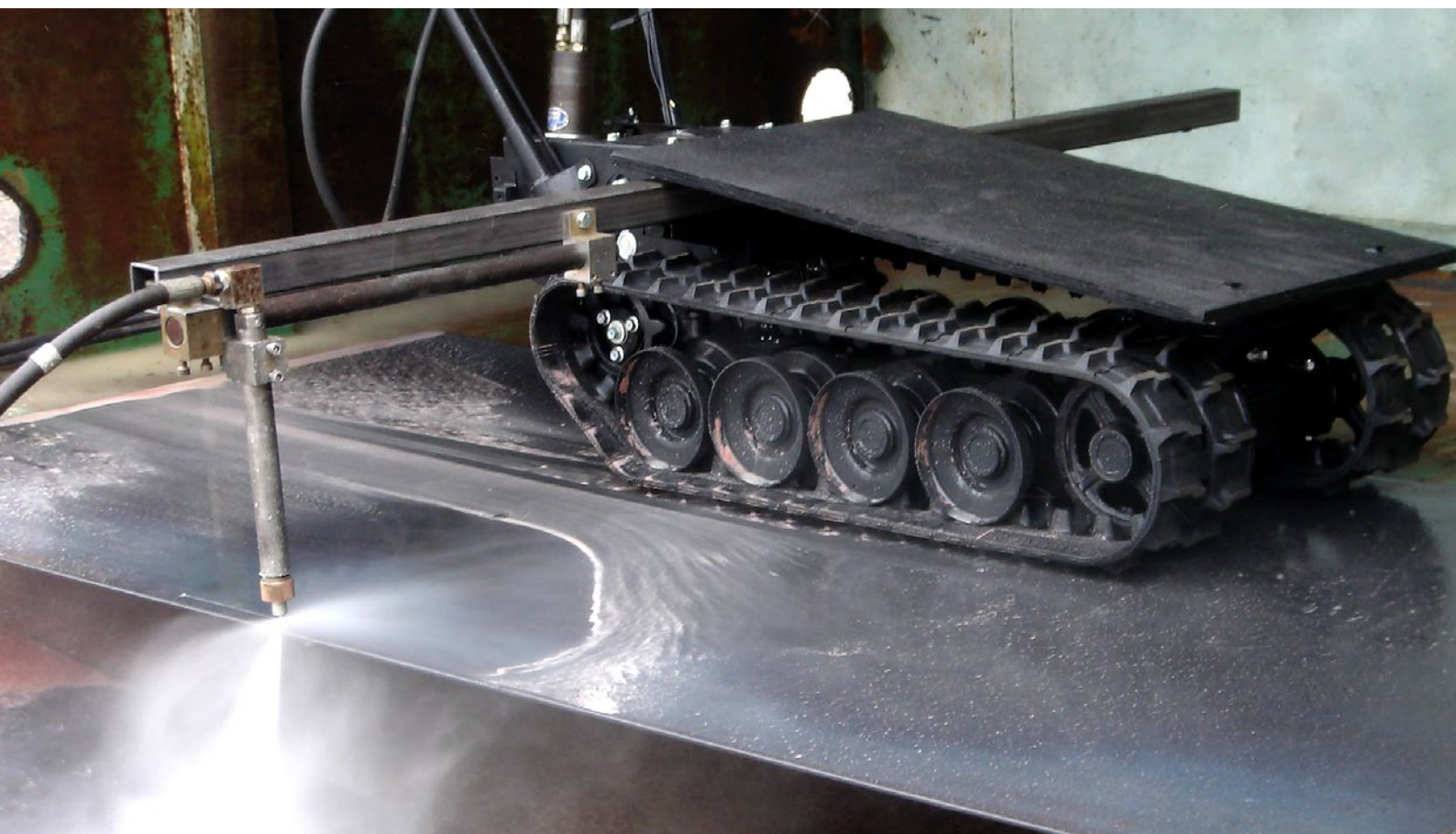
- Storage tank doorways
- Floors
- Roof sections
- Pipework
- Refractory lined units



Hydro abrasive cutting is;

- Spark and heat free
- Utilised in the cutting of steel
- Utilised in steel composites and specialist alloys
- Provides weld preparation if required
- Operates within Zone 0 areas
- Cuts above and below water
- Specialist alloys as well as concrete and thermal refractory lined pipework and vessels





Future makes sure that the remaining cut can be weld prepared and burr free and has no impact on the associated steel allowing extremely thick and hard steels to be cut without creating a heat affect zone.

- Each unit operates continuously with twin pressure cylinders and is capable of generating all the hydraulic pressure and flow it requires to operate a wide array of manipulation for cutting a broad set of shapes and angles.
- The cutting head can operate up to 500 metres away from the main cutting machine and has operated upwards of 100 metres and has operated down to ambient pressures as deep as 750 feet.
- Our cutting systems operate on the low pressure Dia-jet process and operate at a maximum pressure of 6000psi maximum (425bar).



NATIONWIDE COVERAGE OFFERING A LOCAL SERVICE

FIS places high priority on investment in specialist vehicles and equipment. This investment is to maintain high safety standards for our teams and our customers and the environment.

Our large fleet of modern, specialist vehicles allows us to offer the best solutions to our partners for safe transport of waste streams.

Vacuum Tankers

Central to our core business. More than 40 tankers with up to 30,000 litre capacity.



- Lined for transporting **acids** and other **highly corrosive substances**
- Stainless steel for **less corrosive liquids**
- Mild steel for **non-hazardous liquids**

Jet Vac Units

Fitted with **high vacuum suction** pumps they can remove liquid and solids from a great distance. Fully equipped to ADR standards. Fitted with high pressure jetting units rated at 3000 PSI (90 gallons per min).



DISAB Units

For **dry waste, heavy sludges** and **solids** our DISAB units can carry up to 14te. They can safely load fine powders, with dust being collected in cyclone dust traps.

Alternatively, the load can be bagged using our mobile hopper units or tipped utilising the opening back door of the tipping tanker unit.

Super Sucker Tanker

Similar to DISAB these vehicles can carry 18 tonne payloads but have additional suction capacity. Loading through 6-8 inch hoses these specialist artic tipping units are unique in the UK. These units are able to **suck sludge** and **soil** that is so heavy that most would consider JCB type diggers as the only solution.

Powder Tankers

Can carry up to **72m3** of product and equipped with latest safety features and on board weighing systems. All vehicles fitted with **dust suppression** systems to prevent fugitive emissions during offloading operations.

- Vacuum tanker
- DISAB units
- High airflow tankers
- Tipping tankers
- Tautliners

- Powder tankers
- Jet vac units

Supported by in-house Treatment Plants, state of the art laboratories and vehicle maintenance workshops.



YOUR ASSETS, OUR BUSINESS

Focussing on services to the water utilities sector and cleaning, maintenance and repair of assets associated with clean water supplies and waste water treatment. Specialising on the inspection, maintenance, waterproofing, drainage, pipework, repair, accessibility, safety and security of water treatment infrastructures.



FIS have developed key relationships with both water companies and tier 1 contractors with a clear understanding of working in close collaboration, to ensure consistently high standards of quality and minimise downtime of operation.



Our national coverage & significant asset base means that we can mobilise swiftly and efficiently combine allied services such as CCTV surveys, high pressure jetting and vacuum tankers to assist where appropriate.

Our comprehensive range of services includes:

- Service reservoirs
- Cleaning and chlorination
- Pipework blockage/wet well cleaning
- Sludge holding tanks
- Lagoons
- Pipework



SAFE, EFFICIENT WASTE MANAGEMENT & INDUSTRIAL SERVICES

FIS handles waste classification, packaging, collection and transport to ensure safe **waste treatment, recovery** and **disposal**.

These wastes can be generated by all activities including:

- Chemical production
- Manufacturing
- Industrial activity



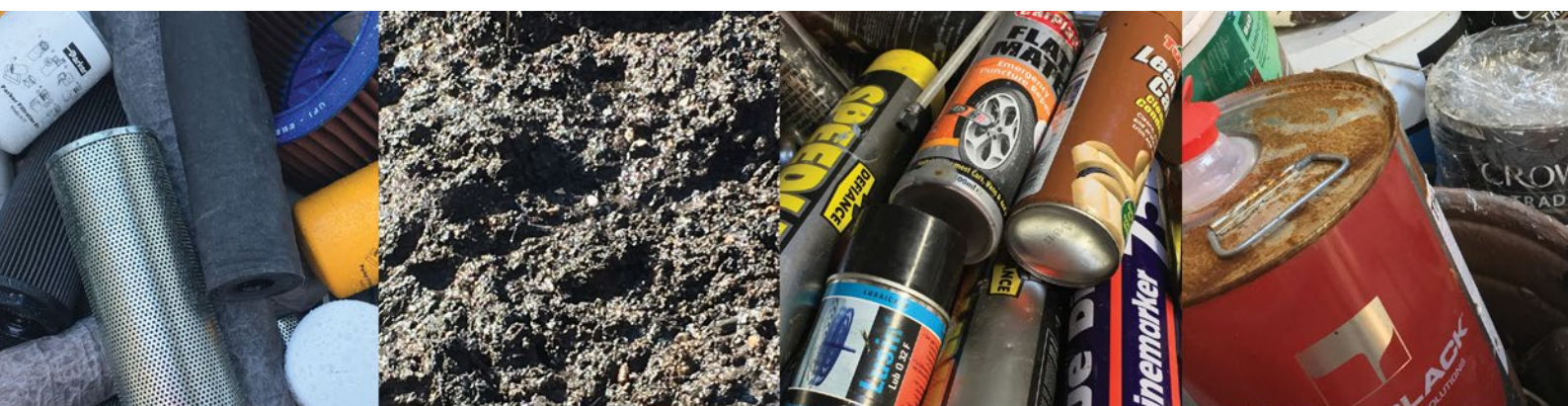
FIS provides specialist recovery services allowing materials to be reused, recovered or recycled:

- Packaged hazardous wastes
- Bulk liquid wastes
- Wide ranging metal recovery plant
- Ground contamination & lagoon management
- Nickel & cobalt bearing solutions
- Copper recovery
- Filtercakes
- Oil recovery
- Catalysts
- Sludge recycling
- Liquid waste treatment (incl acidic waste, caustic waste, chromic acid, leachates, effluent, APC residues and much more)
- Ammonia stripping



UK-Wide Service

Treatment plants and hazardous waste transfer sites at Plymouth, Honiton, Kirkby and Berwick enables us to service across the UK. This is backed by one of the most advanced laboratories in the hazardous waste industry.



RESPONSIVE, INNOVATIVE & PROFESSIONAL

UK-Wide Service

Treatment plants and hazardous waste transfer sites at Plymouth, Honiton, Kirkby and Berwick enables us to service across the UK. This is backed by one of the most advanced laboratories in the hazardous waste industry.



FIS makes **collection, treatment, recovery** and **disposal** of your hazardous waste our problem, rather than yours.



Minimise Your Environmental Impact

Our focus on waste hierarchy helps you minimise the environmental impact of your operations. Whether solids, hazardous liquids or sludges, our highly trained chemists and operatives have the expertise to handle hazardous materials safely and efficiently.

Our on-site services include:

- Waste classification
- Packaging
- Collection
- Transport

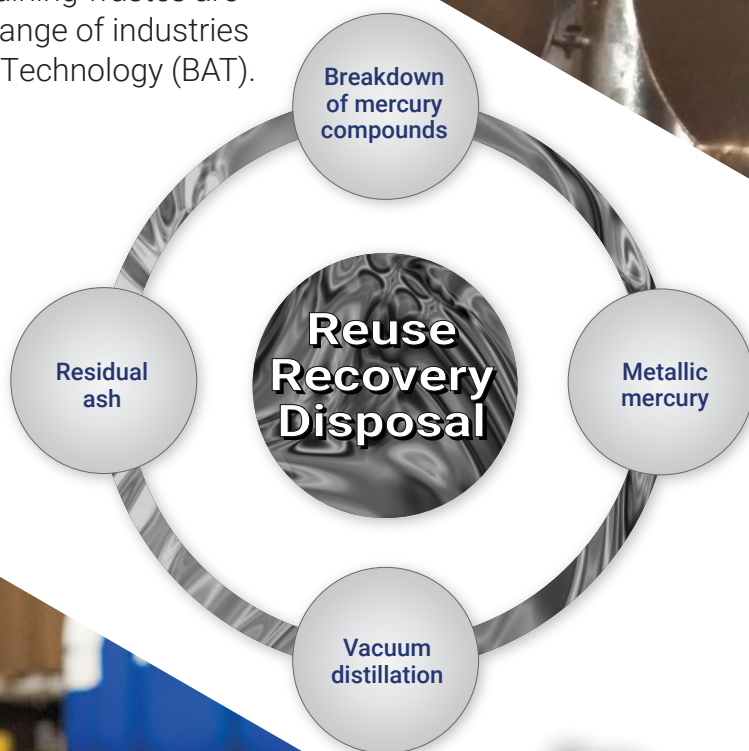
For dependable and risk-free hazardous waste management



GOOD WASTE MANAGEMENT IS GOOD RISK MANAGEMENT

FIS offer a comprehensive **mercury recovery** and **decontamination service** including site decontamination and spillage response throughout the UK. This is supported by a specialised mercury recovery plant at our Berwick facility.

Metal and mercury containing wastes are processed from a wide range of industries using the Best Available Technology (BAT).

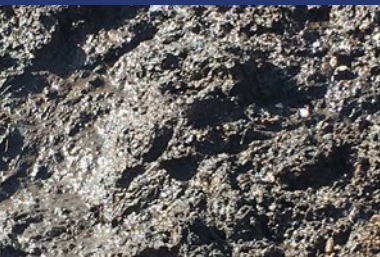
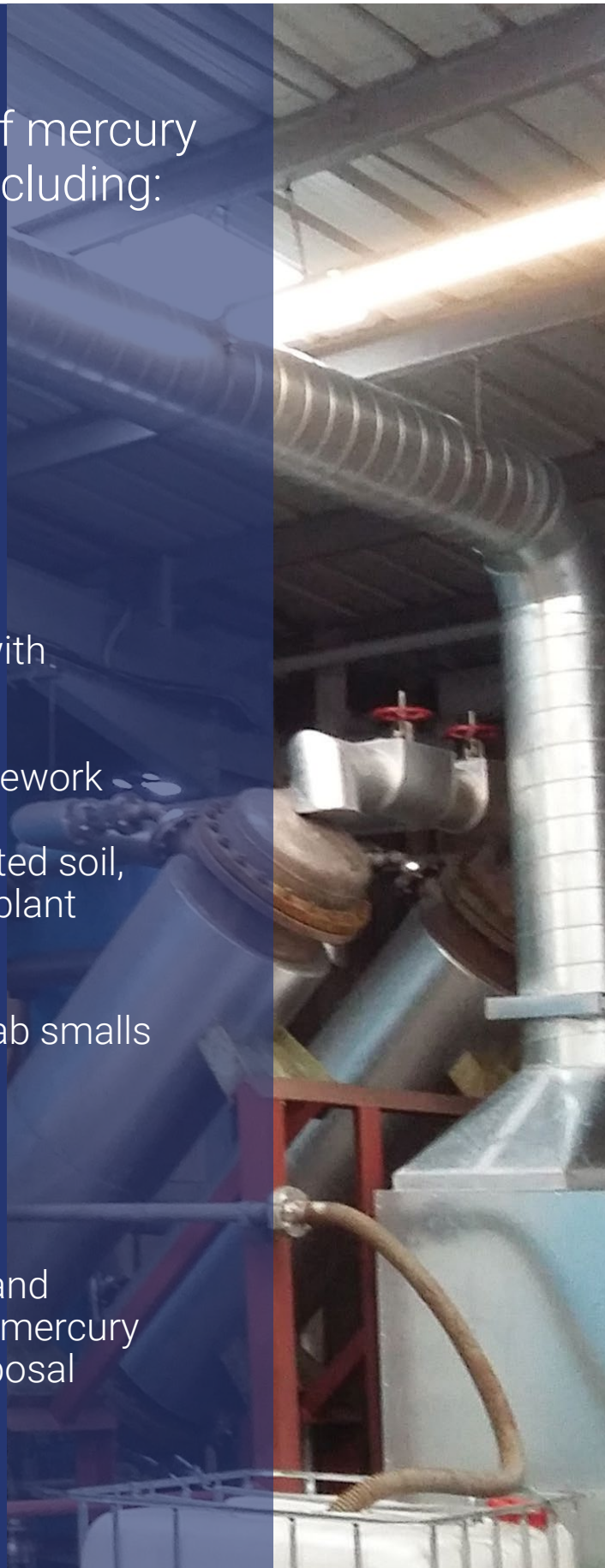


Placing your **mercury waste** in our safe hands, transfers the risk and the responsibility

Non-recycling of **mercury waste** imposes a long-term liability

The plant can handle a variety of mercury bearing wastes for treatment including:

- Catalysts
- Mercury contaminated sludge
- Treatment of lamp powder
- Filter residues, filter media
- Activated carbon contaminated with mercury
- Contaminated equipment and pipework
- Treatment of mercury contaminated soil, thermometers, sphygmomanometers, PPE, and plant equipment
- Treatment of inorganic mercury lab smalls
- Treatment of dental amalgam
- Batteries & button cells
- Off-site investigations, sampling and removal of plant & equipment for mercury decontamination & recovery/ disposal
- Emergency spills



RECYCLING AND RECOVERY FOR SPENT CATALYST WASTE

FIS have the in-house capability to recover the following metals from aqueous solutions, catalysts and contaminated solids including:

- Copper
- Nickel
- Tin
- Cobalt



Industries We Serve:

- Chemical
- Petrochemical
- Oil industry (fatty catalysts)
- Hydrogenation
- Adhesives
- Food



Specialised filtercake drying facility to recover & recycle non-ferrous metals

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191101* 070610* 080316* **100907*** 070413*
070709* 070710* 070609* 120120* **060405*** 100325*
070310* 070309* 061302* 060315*
110205* 070209* **070211*** **070410***

We Recycle

Spent nickel catalysts (Ni), spent molybdenum catalysts (Mo), spent tungsten catalyst (W), spent copper catalysts (Cu), spent platinum catalysts (Pt) and spent cobalt catalysts (Co)



KEEPING YOU SAFE





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