

Resource Recovery

In the current age of environmental awareness, government policy and commercial interests have evolved to place an ever increasing emphasis on sustainability and on reducing the consumption of resources. One of the key avenues through which private enterprise is aiming to comply with its corporate responsibilities and its goal to reduce costs, is through resource recovery and recycling.

The DoloMatrix group provides expert advice and practical resource recovery services for a wide variety of waste materials and industries:

- Chemsal provides specialist services in recovery of resources from chemical waste and packaging
- BCD Technologies recovers clean copper and steel from PCB contaminated waste streams
- Entech provides consulting services and technologies to maximize recycling and reuse of wastes and byproducts. Chemical Waste

Chemsal provides a resource recovery and recycling service for a wide range of hazardous and non-hazardous chemicals and chemical contaminated materials. These include; flammables, corrosives, toxic chemicals, oxidisers and reactives. General descriptions include: industrial chemical raw materials, obsolete finished product, defective product, byproducts, residue containers, contaminated rags and wipes.

Some specifically accepted waste types include:

- Paints
- Thinners
- Solvents
- Aerosols
- Inks
- Oils
- Greases
- Coolant Liquids
- Acids
- Cleaning Compounds
- Photographic Compounds
- Batteries
- Mercury
- Heavy Metals

Packaging

Chemsal offers a specialist service for resource recovery from the following forms of packaging: steel drums, tins, equipment-decontamination and shredding, plastic drums, pails, stretchwrap, pallets, cores, trays, rollers, reels caps and other packaging items. Metals

BCD Technologies, at its Narangba plant in Brisbane, destroys PCB oil and PCB-contaminated oil contained in obsolete electrical transformers and capacitors. Transformers contain significant quantities of copper and steel, which are decontaminated by use of a thermal desorption process resulting in the recovery of clean metal which is subsequently sold for recycling. Wastes and Byproducts Entech provides a range of technologies and services to assist clients in maximizing recycling and reuse opportunities. This includes provide the use of the TWMÂ® waste and byproduct management and reporting system. In addition, a range of services are provided to facilitate the reuse of industrial byproducts in target markets.