**Closing the Lifecycle Loop for a Non-Renewable Resource – Non-Ferrous Metals**

WRC World Resources Company GmbH (WRC) is an industry leader operating state-of-the-art environmentally engineered facilities that specialize in the recycling of metal-bearing residues generated by such industries as electronics, aerospace, automobile, jewelry, printed circuits and metal finishing/surface treatment. At WRC, these residues are used to manufacture metal concentrates which are an international commodity of the non-ferrous metal industry. These companies use WRC metal concentrate products as feedstock material in the production of non-ferrous metals; metals that are sold to many multi-national manufacturers, including those in your industry.

**The Loop is Closed:**
- Metals produced by primary non-ferrous metal producers
- Sold to manufacturers
- Used in manufacturing - with resulting metal containing residues
- That are used by WRC to produce metal concentrates
- Which are sold to primary non-ferrous metal producers
- And used for the production of raw metals.

**The Preferred Alternative to Disposal**

For WRC, these residues are not wastes, but a useful raw material feedstock. With WRC’s manufacturing process, contractually specified products are produced from selected residues. The suitability of the materials for WRC’s manufacturing process is assessed by a detailed laboratory analysis. This ensures that only technically qualified materials will be used in the process for the production of WRC’s metal concentrates.

WRC conserves valuable non-renewable natural resources by using manufacturing residues, which help reduce the impact of industry on the environment. The management and staff of WRC are fully committed to the protection of the environment and conduct all aspects of its operations to achieve that goal. This commitment guarantees high quality recycling – a security that distinguishes WRC’s Services.

**WRC Ten Point Customer Satisfaction Program …**

1. Providing a No Cost Waste Recyclability Evaluation
2. Completing all Regulatory Notification Paperwork
3. Providing Regulatory Notification Financial Security
4. Organizing all Transportation Logistics.
5. Providing Flexible Intermediate Bulk Containers (FIBC)
6. 100% Recycling
7. Closing the Product Lifecycle Loop – Eliminating Cradle-to-Grave Liability
8. Issuing Annual Recycling Certificates
9. Assisting Waste Economy Planning and Material Balances
10. Providing Facility Access for Customers to Audit / Inspect

**Analysis**

**Logistics**

**Documentation**
WRC METAL CONCENTRATE PRODUCTS

The non-ferrous metal concentrate products manufactured by WRC are commercial commodities produced to meet the international market demand.

Concentrate is the primary metalbearing raw material feedstock purchased by metal production companies throughout the world.

On average, each ton of metal concentrate WRC produces by recycling industry’s residues allows nearly one hundred (100) tons of earth and ore to be left undisturbed for future generations.

WRC understands that proper stewardship of our strategic and non-renewable resources is important for the sake of the future and we are proud of our role as a partner in the product lifecycle of metals.

Waste + Recycling = Product = Eliminated liability

... Join the Partnership!
COMMITMENT TO QUALITY

WRC's strength and success are derived from its in-depth knowledge of environmental regulations, well documented and formal management structure, knowledge of the marketplace it serves, financial resources and commitment to excellence of its personnel.

WRC's Quality and Environmental Management System was successfully certified by SGS in all its manufacturing facilities around the world. ISO 9001:2000 Certification assures WRC's clients that the checks and balances are in the right place to maintain high-quality processes from receipt of raw material through finished product. Similarly, ISO 14001:96 means that WRC's handling and processing of the recyclable environmentally sensitive material meets the strictest requirements.

Besides, WRC GmbH (Germany) has achieved EU pre-authorized recycling facility status, ensuring and documenting a safe and secure process of accepted materials under all environmental and quality aspects. Environmental laws are not only fulfilled, they are exceeded.

By becoming a recycling partner with WRC, and incorporating recycling as a key component to your environmental compliance plan, your company can emphatically demonstrate its commitment to protecting and preserving the environment through the conservation of valuable natural resources.

WRC’S RECYCLING SERVICES… AN EXCELLENT CHOICE!

WRC Group
- The World’s foremost Recycler of Industrial and Galvanic Sludge Residues
- Environmental and Recycling experts with over 30 years of experience
- Environmentally Excellence provided to more than 1500 industrial clients

WRC GmbH
- Environmentally Engineered Facilities for Full Regulatory Compliance
- Strategically Located with Rail, Motorway and River Port Access
- Fully Equipped State-of-the-Art Analytical Laboratories
- Developer of Patented and Proprietary Recycling Technologies
- Staffed by Professional Managers, Metallurgists, Chemists and Engineers
- Recycling Waste by Manufacturing Federally Classified Concentrate Products.
- Internationally Recognized Leader in Environmental Services - Industrial Waste Recycling
WRC INTERNATIONAL

WRC is proud of its record of more than 30 years of successful, innovative and patented recycling activities. We are the leading recycler of metal bearing wastewater treatment filtercakes and industrial residues in the world and operate, not only in Europe, but also Americas’ first ISO 14001:96 and 9001:2000 Certified Recycling Facilities.

WRC Currently serves companies located in North and South America, Europe, Asia and the Pacific Rim.


WRC’s European Headquarters and recycling facility is located in Wurzen, Germany, near Leipzig. This new manufacturing plant was completed in 1999 and represents WRC’s most advanced and state-of-the-art recycling technology. Each of our facilities is staffed with professionals who are skilled and knowledgeable. Our team includes chemists in our on-site laboratories, metallurgists and engineers as well as experts in environmental regulations, transportation and recycling operations. Marketing and sales activities, regulatory compliance and logistics management are conducted from each of our offices around the world.

WRC values the relationship we have with each of our clients. We strive to provide the best in environmentally responsible services as well as providing our clients with the information and accessibility that allows them the peace of mind that comes from being informed. If you would like to know more, please feel free to contact us. Our skilled staff would be glad to answer any question you might have.

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