



Do You Know the Benefits of Production Residues?

Does your production process generate by-products or production residues? Before using production residues to your advantage it is important to understand the difference between by-products and production residues.

By-Product: the non-desired goods and materials resulting from a manufacturing process. The manufacturer intends to exploit or market the by-product, without any further processing, in a subsequent process. By-products are not classified as waste.

Production Residue: a product resulting from manufacture not in itself sought for a subsequent use. Production residues are classified as waste until proven otherwise, and they may be elevated to by-products.

With raw material prices escalating, the reapplication of production residues becomes a practical manufacturing strategy for increasing efficiency. The goals of recycling production residues are beneficial to both your organization and the environment through:

- Reducing process and disposal costs of hazardous materials
- Opportunities to address regulation issues
- Cost savings due to decreased need for virgin materials
- Innovations in manufacturing discovered and developed for efficiency and productivity
- Reduced resource use – energy, water, petroleum and natural resources
- Reduced carbon emissions resulting from reuse of products

Keep this information in mind when working with your current recycling vendor.