



WHAT TO LOOK FOR IN A TRANSFORMER RECYCLING PARTNER

When you recycle transformers and other electrical equipment, choosing a recycling partner can have far-reaching impacts. All recyclers are not created equal, and a qualified partner can offer compelling advantages for your bottom line, the environment, and even the future of your organization.

Financial Benefits

Highly qualified recyclers can pay more for your retired transformers and other electrical equipment because they have technology and relationships that enable them to maximize its value.

Sustainability

The same capabilities that allow a vendor to maximize the value of a retired transformer also give them the power to put more of the materials to productive use, reducing waste and demand for resources.

Peace of Mind

Working with an established, well-resourced partner helps assure that all materials are handled properly and gives you confidence in the reliability of long-term record-keeping.

Convenience

Trusting your recycling needs to a full-service organization gives you one-call convenience and helps make recycling an integral part of your broader transformer asset management plan.

RECYCLING PARTNER CHECKLIST

When looking for a recycling partner, consider the following factors to make sure you're maximizing the value of your assets and protecting your organization from future legal jeopardy.

- 1 Does the recycler process metals in-house?**

The ideal vendor will have the ability to process metals themselves. By operating an in-house chop line for copper coils, for example, they can move the commodity further along in the recycling process, cutting out the middleman and increasing the amount they can pay for your equipment.
- 2 Can the partner reuse some components?**

Does the recycler also handle transformer refurbishment, or sell used transformers and other equipment? If so, they may be able to reuse the tank or other components in the production of refurbished transformers for sale to other customers. This increases the value of your equipment to the recycler and dramatically extends the useful life of the materials.
- 3 Does the recycler process PCB oils in-house?**

Most recyclers don't process and recycle oils with high levels of PCB contamination. Instead, they send contaminated oil to an outside processor or incinerate it at an off-site or third-party facility outside of their ownership or control. A provider that can decontaminate, recycle, and test mineral oil in-house closes the loop on this process, protecting your organization and the environment.
- 4 Who is responsible for testing the equipment for contaminants?**

Companies that aren't equipped to handle PCB contamination often require owners to test equipment themselves before it is picked up. Your partner should be able to address every aspect of the recycling process, including the testing and the disposal of all transformers and other electrical equipment, regardless of PCB status.
- 5 Does the recycler offer one-call convenience?**

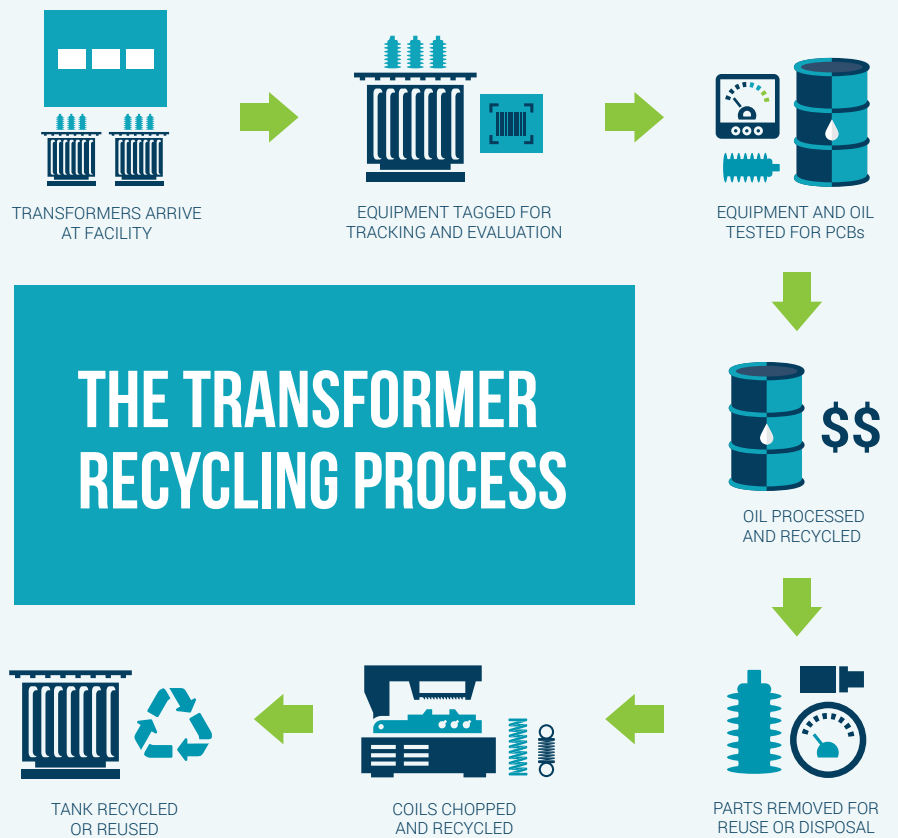
By working with a vendor that also offers a full range of other transformer services, such as repair, refurbishment, and sales, you can integrate recycling into your broader transformer-management workflow. With one call, you can arrange for the decommissioning and recycling of aging transformers, while also lining up replacements and discussing repair or testing options for other equipment.
- 6 Can the company ensure that all materials will be handled properly?**

Does the recycler have a sophisticated and reliable system for tracking equipment as it moves through the process? They should know how your materials were handled, their PCB status, and where they ultimately ended up. Look for a partner that uses a computerized barcode tracking system and keeps all of your materials under their control throughout the entire process.

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Will the vendor's processes protect you from future liability and regulatory action?

Look for a partner with a long track record, well-established record-keeping procedures, and significant financial resources. They should have a document control and storage process that keeps information about the disposition of your materials accurate, safe, and readily available. A reputable recycler will also have the proper licensing and insurance requirements in place. The company should have positive existing relationships with regulatory agencies and completely understand the various legalities of recycling to protect your interests. This provides an additional safeguard between you and your retired assets and increases your indemnity protection, typically at no direct cost to you.



THE EMERALD TRANSFORMER APPROACH TO RECYCLING

Emerald Transformer provides recycling services that close the loop on the transformer and electrical equipment lifecycle. We test and process all equipment and its components in-house, maximizing the downstream value of these products and supporting our customers' commitment to sustainability.

Contact Emerald Transformer at 800-908-8800 to talk about how our full-service approach to transformer refurbishment, remanufacturing, and recycling can benefit your customers, the environment, and your bottom line.