



REVOLUTIONARY PROCESS THAT TRULY RECYCLES BOTH THE RECOVERABLE METALLIC COMPONENTS AND THE ORGANIC MATERIAL

### **THE TRUTH ABOUT CONTAMINATED TRASH**

While solder dross is a by-product and generally exempted from hazardous waste status, solder contaminated trash, such as under-stencil wipes, IPA or chemical wipes, gloves, rags, and fingercoats are, in all but a handful of states, a regulated “characteristically hazardous waste”, and should normally be manifested and shipped on a hazardous waste carrier, unless you have a Conditionally Exempt Small Quantity Generator EPA status. What this means is that if a non-exempt generator of this trash is currently shipping to a solder company, and they’re doing it without using a hazardous waste truck, they are almost certainly breaking the law.

Above and beyond the regulatory aspects, up until now the recycling process used with these kinds of materials entailed lowering the temperature of a furnace, loading them into the furnace, burning off the VOCs, plastics, and paper, and then adding a coal product, subsequently recovering the metal. This is an inefficient process as it produces CO2 from burning the material and coal product, effectively doubling the CO2 released, not to mention the cost of purchasing the coal product or the cost of the energy required to get the furnace back up to normal operating temperatures once the contaminated trash campaign has been completed.

Conecsus, not content with an inefficient and environmentally unfriendly process, made the decision to develop new technology and invest in that process to do things differently.

### **INNOVATION MAKING TRUE RECYCLING POSSIBLE**

After two years of development and a year of consultation with state and federal regulatory bodies, we are pleased to announce that we have achieved our goal. Our process, dubbed RACS (Reducing Agent Coke Substitute) allows us to process the materials into an effective coal product replacement, effectively reusing the materials rather than simply burning them. Our patented process is the first time anything like this has been done, and we’re proud to be able to say that we have achieved our goal of 100% “true recycling” of this class of materials.

### **THE CONECSUS ADVANTAGE**

What this means to our clients is that Conecsus can purchase this class of material on a “product basis”, which allows them to not report these materials as a “waste” on their Annual Waste Summary to EPA. In addition, this process lowers their carbon footprint because instead of burning them and adding the coal product, we use them as the coal product when processing their dross. These materials can ship on a Bill of Lading versus a Hazardous Waste Manifest, which is a tremendous cost savings for many generators, and best of all, it allows them to remain in compliance with the law.

Call us today to learn how you can get started with Conecsus, or check our website to learn more about the Conecsus Advantage!

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