



Case Study: Medical Device Polishing Dust

Conigliaro Industries was approached by a major medical device manufacturer with a challenge – how do you recycle tons and tons of dust generated during the polishing of various medical devices?

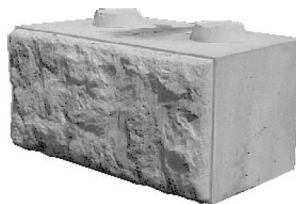
Conigliaro Industries received samples of the material and went to work. Our team of engineers used the dust to develop various concrete mix designs. After extensive testing, we determined the best mix and developed a new line of concrete retaining wall blocks using a percentage of the dust to replace a portion of the stone aggregate.

Next, we set up a program to receive and process the material into our concrete products production facility and began manufacturing “DustCrete” retaining wall blocks which have been successfully marketed, sold and placed into service throughout New England.

The result? In just the first four months of the program, we received, processed and recycled five tractor trailers of polishing dust weighing close to 100 tons. And we are just getting started!

This material had previously been landfilled so every ton recycled moves them closer to their sustainability goal of zero waste!

*DustCrete retaining wall
block manufactured by
Conigliaro Block*



Conigliaro Industries helps organizations reach their sustainability goals by attacking the last 10-20% of the waste stream.

Unlike traditional recyclers that focus on straightforward waste streams like corrugated cardboard and metal, we specialize in recycling difficult wastes. If you have a unique material that comprises a measurable portion of your waste stream give us a call. We'll implement a customer-specific collection, transportation, processing and recycling program for your unique waste.

**A focus on difficult and
unique waste streams –
now handling 150
different materials**

**We are not consultants –
we use our expertise to
set up long-lasting
recycling programs that
work!**

**Currently serving large
manufacturers across
the country**

**Our in-house dismantling
shop tackles items
requiring manual or
mechanical separation
before recycling**

**We've successfully
recycled unique wastes
since 1990!**



701 Waverly Street
Framingham, MA 01702

(888) CONIG - 25

www.conigliaro.com/canitbe.cfm

www.conigliaroblock.com/environment.cfm