

# **GIVE YOUR COMPANY THE** SUSTAINABILITY EDGE WITH COPPERWORKS<sup>™</sup>

### **OVERVIEW**

At SDI LaFarga COPPERWORKS<sup>TM</sup>, we constantly work to reduce our environmental impact and manufacture our products in a sustainable way. Since our inception, we have kept over 1 billion pounds of copper scrap from reaching the landfill and utilized it to manufacture new copper rod and wire. As a result, we have reduced  $CO_2$  generation by over 1.8 billion pounds. Partnering with us will give your company a sustainability position that will yield a positive impact for generations to come.

#### FRHC REFINING PROCESS

#### **RECYCLING FROM START TO FINISH**

We have incorporated many points throughout our manufacturing process where waste materials are recycled. The slag pulled off the melted copper in our refining furnace is recycled and reused rather than being sent to a landfill. Copper dust emitted during the production process is filtered out in water baths and reused in the furnace. We also recycle the water used in our rolling mill. At the end of our process, we store and transport our finished products on plastic pallets made from 100% recycled materials.





"From the beginning, our business model has been based on sustainability. Our unique process for producing Infinity copper rod lowers our impact on the environment by reclaiming copper to make new products. Throughout our facility, we use state-of-the-art technologies to continue our sustainability journey."

Kurt Breischaft SDI LAFARGA COPPERWORKS PRESIDENT





## RECLAIMED OVER 180 MILLION POUNDS OF COPPER ANNUALLY

In our state-of-the-art refining furnace, we refine all types of reclaimed copper to produce Infinity<sup>™</sup> copper rod and wire that is 99.9% pure. Copper can be used over and over, making this a highly sustainable process. At full production capacity, we have the ability to refine 180 million pounds of reclaimed copper annually, turning it into clean, high-conductivity copper rod and wire that meets ASTM B49 standards.

#### LATEST, MOST EFFICIENT TECHNOLOGY

Our shaft furnace is the newest, most automated furnace currently in the U.S. Featuring the latest oxygen control systems, in conjunction with our refining furnace, this furnace can produce 250 million pounds of Elemental<sup>™</sup> copper rod annually. We use copper cathode and bare bright copper from the cleanest sources to manufacture a 99.9% pure copper product that has minimum 100.00% IACS conductivity.





#### **AIR PARTICULATE COLLECTION**

Utilizing a highly efficient baghouse, we collect dust particles created during the manufacturing process, preventing them from being released into the atmosphere. Our facility has three large baghouses that collect and clean air from the production process.

WHERE COPPER WORKS. Our team of expert engineers is ready to help you achieve greater efficiency and a better overall product. Contact us today! SDILAFARGA.COM | 855.523.2742