



USE LESS.  
CREATE MORE.

MANUFACTURING GONE GREEN



# REDUCING OUR IMPACT ON THE EARTH

Since 1989, Encore Wire Corporation has put our customers and community first. Today we continue to look at our resources and products to determine if we can make changes to better the environment and our home, here in McKinney, Texas. Our business concept recognizes that a quality product built for longevity could have a lasting effect on the environment. On a day-to-day operational basis, we incorporate progressive recycle-and-reuse programs, along with waste-reduction practices, to ensure that we are protecting our planet.





**WASTE REDUCTION  
EVAPORATORS**



**COPPER  
RECYCLING**



**RODMILL WATER  
FILTRATION**



**SUSTAINABLE  
CONSTRUCTION**



**BAGHOUSE AIR  
EMISSIONS CONTROL**



**LEED PLATINUM  
TECHLAB**



**RoHS COMPLIANT  
PLASTIC MILL**



**LED ENERGY  
CONSERVATION**







**PROTECT &  
PRESERVE THE  
ENVIRONMENT**

# GOING GREEN ON CAMPUS



## WASTE REDUCTION EVAPORATORS

As part of our waste management strategy, we voluntarily installed two evaporators on campus. These evaporators have substantially reduced the amount of emulsion wastes that are shipped offsite.



## RODMILL WATER FILTRATION



A caster water recycle/reuse system was voluntarily installed to eliminate discharges to the municipal wastewater treatment system. This “zero discharge” scheme is part of the facility’s wastewater permit.



## BAGHOUSE AIR EMISSIONS CONTROL

Our Baghouse Filtration System is a very important part of our Rod Mill. This system captures particles, produced from the copper melting in the furnace, to reduce our impact on air quality. Although this filtration system is not required by any government or environmental agency, we installed it to reduce our carbon footprint on our environment.



## RoHS COMPLIANT PLASTIC MILL



In 1998, we built our own plastic mill to maintain the high-quality products for which we are known. All of our PVC jacketing is lead-free and RoHS compliant.





# LIGHTING OUR CAMPUS, ONE LED AT A TIME.

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**LED LIGHTS USE HALF THE POWER OF FLUORESCENT LIGHTS**

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*LED*



*FLUORESCENT*

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To help make a difference, we have upgraded over 2,000 light fixtures from Fluorescent to LED. With this conversion, we cut campus lighting power consumption in half. Plus, LED light fixtures provide an equal or greater amount of light for any given area, ensuring a safe work environment for our employees.



**ENCORE TECHLAB®**  
A LEED® PLATINUM R&D CENTER

**A LEED® PLATINUM R&D CENTER**

# BUILDING FOR SUSTAINABILITY



## SUSTAINABLE CONSTRUCTION

The Encore TechLab® was thoughtfully constructed with recycled materials and FSC-certified woods produced from 100% rapidly renewable Bamboo grasses. During the construction process, we utilized low-VOC adhesives, sealants, paints, carpets and composite wood to maintain a green indoor environment.



## NATURAL LIGHT

In addition to its environmentally-friendly bamboo furniture and terrazzo flooring, made entirely of recycled materials, the TechLab® also utilizes an abundance of natural light due to the use of glass in the exterior design.





  
Drought-resistant plants were utilized in the design and installation of the site landscape in order to conserve water usage. We have reduced our water consumption by 50% with our eco-friendly landscape.

## SOLAR COLLECTORS

The Encore TechLab® utilizes roof-mounted solar collectors for the building's electrical power and hot water generation to meet the requirement for on-site renewable energy. These collectors are powered by Encore's own SmartSun® photovoltaic wire. We also collect rainwater and water runoff in our own 35,000 gallon tank to operate our low-volume toilets and water our landscape.



## PARKING

Preferred parking spaces for fuel-efficient and low-emission vehicles are available in the parking lot of the Encore TechLab®.





# <sup>29</sup> Cu COPPER RECY CLING

Our **Scrap Program** allows us to purchase insulated wire & bare copper to be reclaimed through a chopping process. All copper products that are bought back undergo rigorous testing to guarantee the quality of the copper and to maintain the quality in our finished products.



## DOES THE QUALITY OF THE COPPER CHANGE ONCE IT'S BEEN RECLAIMED?

***No, the quality of the copper does not change.***

The copper scrap that we purchase is 99.9% pure. We exhaust all efforts to make sure that no other metals have been mixed in with the copper, assuring that the final product is of the highest quality.

***For more information about our Scrap Purchase Program, contact Brent Gray in Purchasing at (800) 962-9473, ext 226.***



RoHS regulations limit or ban specific substances, such as hexavalent chromium, polybrominated biphenyl (PBB), lead, cadmium, mercury, and polybrominated diphenyl (PBDE) flame retardants in new electronic and electric equipment.

Encore guarantees that all of our products comply 100% with RoHS.



# EVERY YEAR WE KEEP LARGE AMOUNTS OF PVC OUT OF LANDFILLS.

The reclaimed PVC from our production lines is sold to companies who use it to manufacture handles, covers, matting, hoses, lawn edging, and other outdoor landscape products.



We also recycle the cardboard gaylord boxes that the scrap wire comes in from the customer instead of sending them to a landfill.





In keeping with our green initiatives on our campus, we take pride in knowing that this booklet was printed on environmentally friendly paper by an environmentally friendly printer. Keep the cycle going by recycling this booklet when you are done, or by giving it to someone who will enjoy it.



**ENCORE WIRE®**

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