



ENERGY, ENVIRONMENTAL PROTECTION, HEALTH AND SAFETY REPORT 2019

KRAIBURG TPE Corporation (USA)
Location Buford

PREFACE

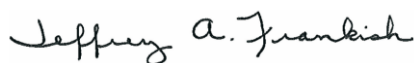
KRAIBURG TPE Corporation located in the Buford, GA, has been certified in accordance with environmental standard ISO 14001 since 2014. Our Environmental Management System (EMS) is audited annually based on all applicable clauses of the standard. Our corporate policy clearly defines our commitment to environmental protection and preservation of natural resources.

It is our goal as an organization to create a quality product that meets the needs of our customers but also be mindful of the preservation of the environment, natural resources and protection of our biggest asset, our employees.

We have developed performance objectives that focus on areas such as:

- Energy Consumption
- Water Consumption
- Waste Management
- Injury and Illness

As our corporate policy states, we are a learning organization and we utilize data to serve as a basis for our continuous improvement.



Jeff Frankish

Managing Director Americas
KRAIBURG TPE Corporation

AREA OF APPLICATION

The parameters and assessment limits of the environmental management system at the KRAIBURG TPE site in Buford, GA are defined as follows:

- Facility at Buford: Premises, production and office building

WORKPLACE SAFETY AND HEALTH PROTECTION

At KRAIBURG TPE, safety is a top priority. It is the responsibility of management, as well as every employee, to take all reasonable safety precautions and to protect and ensure the safety and well-being of others. Every employee must understand and follow safety regulations set forth by the company, and be proactive in reporting any hazard he or she might observe.

Risk assessments of the workplace are conducted to ensure all administrative, engineering and PPE controls are in place to minimize the risk of personal injury and that the overall health and safety of every employee is maintained.

Support from external safety and environmental consultants are also utilized to ensure compliance to all local, state and federal requirements.



EMPLOYEE WELLNESS

In 2019 KRAIBURG TPE Corporation held its first Health and Wellness day. This event was coordinated with the focus being the health and wellness of our KTU employees. Local vendors participated in the event providing information on fitness, healthy eating, and medical screenings.



NOISE PROTECTION

Noise exposure in the production area is monitored to follow federal regulations. All operations employees are administered an annual hearing test to evaluate their hearing. Internal noise testing is conducted to evaluate the noise generated from manufacturing equipment. Installation of noise abatement curtains has aided in reducing the noise level throughout operations.

FIRE PROTECTION / EMERGENCY MANAGEMENT

We have established a contingency and emergency response plan to manage situations during an emergency. Our first responder team is trained in handling emergency situations such as CPR, AED, first aid and fire extinguishing. Periodic drills are conducted to ensure that the plan is effective.

ENVIRONMENTAL ACCIDENTS / ENVIRONMENTAL ASPECTS

There were no environmental accidents with environmental effects in 2019. Annually we conduct an environmental aspects and impacts analysis which is used as the foundation of our environmental program.

WASTE

A main goal of the EMS is the reduction of waste and emissions. Waste disposal is regulated through local, state and federal guidelines. Alternative handling of byproducts from production are evaluated for the potential to re-use or recycle with the last option being disposal. Local waste disposal companies are used to properly dispose of waste following all local, state and federal regulations.

GREEN ENERGY

Annually KRAIBURG TPE Corporation purchases Renewable Energy Certificate (REC) as part of our sustainability efforts. The annual purchase guarantees that an equal amount of renewable energy is delivered to the electric grid and avoidance of carbon dioxide emissions.



Estimated Environmental Benefits

Green-e Energy Certified Renewable Energy Certificate Purchase

KRAIBURG TPE Corporation

has purchased

2,500,000 kWh

Product: 100% Renewable Energy
Term: January 1, 2019 – December 31, 2019

Equivalent to:

3,897,503
pounds of CO₂
avoided¹



OR

Annual greenhouse
gas emissions from:

4,322,439

Miles/year driven
by an average
passenger
vehicle²



OR

617

Tons of waste
sent to the
landfill³



CO₂ emissions from:

198,928

Gallons of
gasoline
consumed⁴



OR

67,151

Incandescent
lamps switched
to CFLs⁵



Carbon sequestered by:

29,232

Tree seedlings
grown for
10 years⁶



OR

2,081

Acres of U.S.
forests in
one year⁷



RECYCLING

A key aspect to our EMS is that instead of disposing TPE, our products are recycled. Products such as returned goods, production waste and obsolete materials are evaluated for recycling opportunities internally and externally.

2019 INPUT / OUTPUT BALANCE SHEET

The balance sheet is a component of environmental reports and is recommended by ISO 14001. This sheet presents the important factors of the company's activities. The following core indicators are used for the monitoring and control of performances. These key measurables enable a transparent presentation with respect to improvements and effectiveness.

2019 INPUT / OUTPUT BALANCE SHEET FOR KRAIBURG TPE CORP. (USA).

Input	Quantity	Unit	Output	Quantity	Unit
Energy	6331	kWh	Waste	297	t
Electricity	5197	kWh	Recyclable	217	t
Natural Gas	1134	kWh	Non-recyclable	80	t
Water	4,292	m ³			

2019 CORE INDICATORS FOR ENVIRONMENTAL PERFORMANCE AT THE BUFORD LOCATION

Indicators	Definition	Unit of Measure	Value
Energy efficiency	Electricity / production quantity	kWh/t	433
Water efficiency	Water / production quantity	m ³ /t	0.59
Waste	Waste / production quantity	kg /t	10.5
LTIF	Accident related lost time x 1,000,000 / planned working hours	LTI	1.2
Employee Safety Training Percentage	Completed / required safety training	%	93.3

SUMMARY

We at KRAIBURG TPE are engaged in minimizing environmental impacts and improving occupational health and safety. Our core indicators show positive results for 2019. It will be our goal in 2020, to continue this trend. Our policy of creating a safe workplace, conserving resources, reducing environmentally harmful waste and emissions are key to meeting our responsibility to present and future generations.

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