



McLaren Industries Goes Greener with New Natural Gas System

It is not uncommon for industrial manufacturers to burn heavy oil, coal or diesel in their daily production process. The result is high carbon emissions and air pollution. With what's best for the environment in mind, McLaren now uses highly efficient natural gas heating of the molds for the manufacturing of all its rubber tracks.



Because of the strategic location of the manufacturing facility near the Gulf of Thailand, McLaren receives natural gas straight from a major gas pipeline, instead of trucking it in from gas suppliers. That additionally reduces air pollution by eliminating the diesel emission from the tanker trucks.

The benefits of natural gas as an energy source, as opposed to diesel, coal or heavy oil, are undisputed. Burning natural gas produces no sulfur dioxide emissions, and has far lower levels of greenhouse gasses emissions than oil, diesel and especially coal. In addition, natural gas produces no solid waste.

McLaren has implemented additional measures to increase the energy efficiency of its manufacturing process. A good example is the factory boiler system, which is upgraded with “economizers”. Even though this raises the initial cost of the system by as much as 25%, the burning efficiency is as high as 97%. The long term results are lower energy costs and further reduction of the overall gas emissions from the factory.

Industrial waste water is another common polluter in the manufacturing industry worldwide. To eliminate the polluting effect of waste water McLaren Industries utilizes a waste water treatment plant for the washing and cooling water that has been used throughout the manufacturing facility.

When it comes to protecting the environment, certain companies like McLaren are contributing simply by choosing to use the right kind of raw materials. With its consistent and growing utilization of natural, as opposed to synthetic, rubber in its manufacturing, McLaren has directly contributed to the planting of hundreds of thousands of rubber trees annually in Thailand alone.

The production of rubber is an ecologically clean farming process, characterized with minimum environmental damage. Tapping the rubber trees to extract latex, the raw material for natural rubber, does not kill the trees. A properly harvested rubber tree can live for over 25 years. The production of just one McLaren rubber track requires the annual rubber output of 14 rubber trees. And, since it takes 7 years for a new tree to be ready for tapping, tens of thousands of new trees have to be planted and harvested each year to support McLaren production!

To learn more about McLaren Industries and its line of products please call 1-800-836-0040