

Implementing Global “Eco-Factory Activities”

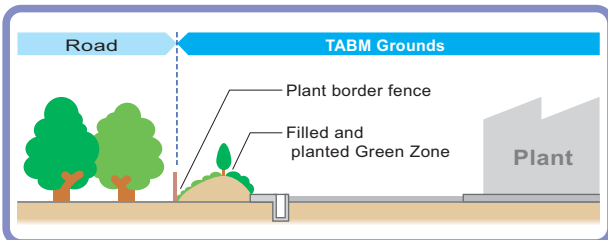
We are developing new plant construction that is environmentally-friendly. These activities are being introduced by all-Toyota group companies as “Eco-Factory Activities”

Toyota group is aiming for an eco-factory activities involving “Development and construction of a mechanism that clearly interweaves approaches to the environment from plant planning stages through operations” in addition to each of the following: 1) Activities aiming for zero complaints and abnormalities; 2) a reduction in risks to the environment, and 3) improvements in environmental performance. In synthesis of our interweaved environmental activities, beginning in FY2005, we at Toyota Auto Body have begun full implementation of these activities in our new domestic and overseas plants.

■ An Example of Eco-Factory Activities Toyota Auto Body Malaysia (TABM) [Operation scheduled for August 2006]

The Green Zone : Plant Scenery and Noise Considerations

The plant grounds have verdant scenery with more area reserved for planting than required by law and we plant trees in the Green Zone.



● The Green Zone

Use of Natural Energy (Solar Power Generation)

Solar power equipment installed on the roof of the entrance way will cover a portion of the plant's electrical consumption. (Approximately 3 KW)



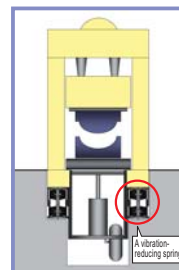
Solar Power Generation (Similar paneling)



● Rubber Forming Equipment



● A crushing machine to be introduced



● A vibration-reducing press



● Cooling equipment for noise reduction

Thorough Reduction in Lighting Usage and Recycling With the Goal of Zero-Waste

As an example, waste from the manufacture of bumpers in our rubber plant will be sorted and 100% recycled by the above planned crushing machine. Additionally, ceiling construction will allow for sufficient natural light.

The Aim for a Quieter Plant With Reduced Noise and Vibration

In order to reduce the effects of noise and vibration to areas near the plant, manufacturing equipment is located near the center of the plant. In addition, the plant building and its equipment are constructed with soundproof specifications along with the presses having vibration-reducing specifications.