

Reduction of Environmental Impact at our Factories

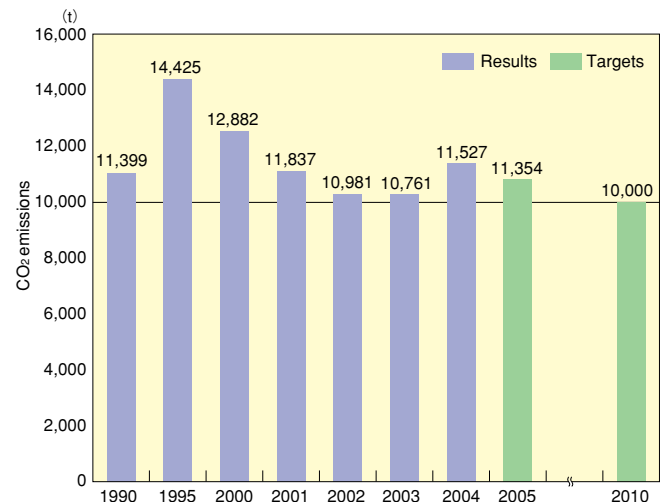
Yamatake actively addresses the "prevention of global warming" and "waste reduction," which we consider as important issues of environmental conservation. To help prevent global warming, we are promoting CO₂ reduction as our top priority. Efforts are also being made to reduce waste for final disposal and raise the recycling rate, as we pursue more efficient use of resources and the realization of a recycling-oriented society.

Prevention of global warming

Yamatake is expanding its energy conservation activities through facility renewals, fuel switching, and improvements in control methods, in addition to diligent electric power conservation and grass-roots activities. In fiscal year 2004 our electric power consumption increased due to a heat wave and a rise in production volume. Our CO₂ emissions rose 7% from the previous fiscal year.

The Kyoto Protocol went into effect on February 2005. Our initial plan for fiscal year 2004 included reducing our total CO₂ emissions to 6% below our total emissions for fiscal year 1990, however it resulted in a 1% rise from fiscal year 1990 levels. We are currently reviewing our goals and energy conservation policies. In fiscal year 2006 we are planning a large-scale reorganization, including the integration and relocation of our headquarter functions, consolidation of engineering functions at the Fujisawa factory, and regrouping of our manufacturing facilities. We will incorporate an energy conservation policy in this reorganization plan, and draw up an comprehensive plan for both factories and offices.

■ CO₂ emissions: results and targets of domestic factories

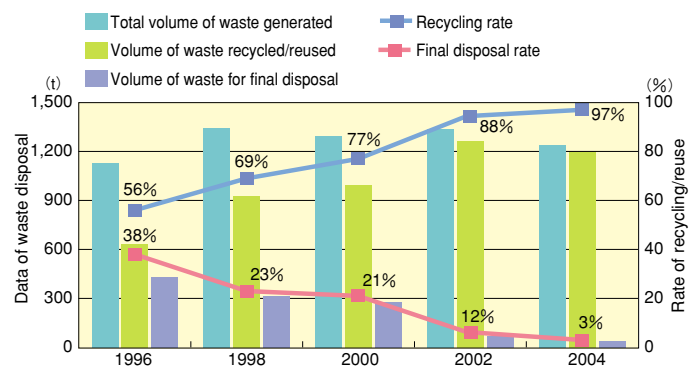


*The data, "Investigation results from calculation of greenhouse effect gas emissions" (August 2002), published by the Ministry of Environment, are used as CO₂ emission coefficients for electricity.

Waste reduction

The recycling rate at our domestic factories for fiscal year 2004 is in the upper 90%, just steps away from achieving zero emissions. Wastes from the factory are sorted meticulously by material or type, and reused or recycled whenever possible. We are actively reusing fixtures, furniture and computers, as well as revising methods for waste collection and informing employees on waste sorting. For waste materials that are difficult to recycle, we are outsourcing their reuse to a reliable recycling service. Through these activities, our factories achieved a target recycling rate of 97% in fiscal year 2004.

■ Data of waste disposal and rate of recycling/reuse of domestic factories



Best Practice: Energy Conservation of an Eco Factory



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Needless to say, Yamatake has been expanding its energy conservation activities by utilizing its measurement and control instruments and systems. We are also making full use of such original ideas as awnings to shade outdoor air conditioner units from direct sunlight in summer, and individual switches for the lights in offices and factories.

The Fujisawa Factory received the Director-General Prize from the Agency for Natural Energy and Resources, in the Awarding of Excellent Energy Conservation Factory & Building, Electrical division. Sponsored by the Ministry of Economy, Trade and Industry.