

Environmental Conservation Efforts

We believe that "clean manufacturing" means more than producing environmentally friendly products. It also means promoting the reduction of environmental loads across the supply chain, from development and design to production and distribution.

Continued energy conservation efforts

We have continued to systematically implement company-wide energy conservation measures, such as switching to LED ceiling lights at the head office, controlling the temperature setting of air conditioners during the year, and limiting the use of hot water produced using electricity throughout the company.

We also strive to raise awareness about the conservation of electricity by posting information on the company intranet and in our factories about electricity usage during the summer months, when electricity consumption increases.



Planned use of LED lighting (Headquarters)

Time control for electric water heaters (Kaohsiung Mabuchi)

Efforts in Introduction of Production Equipment

Mabuchi group is also constantly working on environmentally friendly activities in the production process. For example, at the time of producing facility production, we conduct the following multifaceted environmental impact assessments and make plans for introducing production facility equipment:

1. Existence of banned substances
2. Usage volume of power, air, water, etc.
3. Fuel consumption
4. Emissions of air pollutants, ozone depleting substances and sewage
5. Vibration and noise level
6. Waste and hazardous material emissions to which the Industrial Safety and Health Act applies
7. Whether there is a possibility of toxic substance leakage at the time of equipment disposal
8. Presence or absence of instructions / explanation of harmful substance recovery - etc.

By verifying the above, we are working to reduce our environmental impact.

Using natural energy at production locations abroad

At Daojiao Mabuchi and Dongguan Mabuchi in China, solar power generation systems generates approximately 600,000 kWh of electricity per year for use at production locations. Through the use of natural energy, we strive to reduce carbon dioxide (CO₂) emissions, a greenhouse gas.



Solar panels installed on the roof

Complying with environmental directives

In addition to complying with the environmental related directives below, our entire group strives to protect the environment by thoroughly complying with our own regulations in the production of motors. From the enforcement of the European RoHS Directive in 2006 to the present, we have not caused a single environmental accident.

Environmental Activities

- 1993 - The Management Guideline "Conduct corporate activities which preserve the earth's environment and protect human health" was explicitly stipulated.
- 1997 - The Environmental Management Committee was established to take specific measures against environmental problems.
- 1998 - Mabuchi Group's Basic Environmental Policy was established.
- 1999 - ISO 14001 Certification was acquired.
- 2000 - Green procurement activities started. Selection and evaluation of alternative materials for the production of cadmium-free motors were completed.
- 2001 - Publication of the Environmental Report was started. Preparations for the commercial application of lead-free soldering were completed.
- 2002 - Shipment of hexavalent chromium-free sample motors was started.
- 2004 - The new Head Office building incorporating advanced energy-efficient technologies was completed.
- 2006 - The green procurement explanatory meeting was held at all production bases.
- 2008 - "Environmental Report" was renamed "Social & Environmental Report" (to contain the information on our social activities).
- 2012 - The Basic Environmental Policy was revised and established as "the Mabuchi Group Environmental Policy."
- 2015 - The construction of our new environment-friendly plant "Mexico Mabuchi" was completed.
- 2018 - Completed construction of our new environment-friendly plant, Poland Mabuchi
- 2018 - An ISO 14001 certification was obtained at Mexico Mabuchi
- 2018 - 10-substance pledge for the European RoHS Directive began
- 2019 - Updated the ESG information on our website