

Managing Chemical Substances

All chemical substances possess inherent properties that offer outstanding benefits. At the same time, however, chemical substances can harm people's health and place a burden on the environment if they are misused.

Fuji Electric manages chemical substances appropriately and works to reduce their emission. We are promoting these efforts globally, especially in China, where pollution from particulate matter smaller than 2.5 micrometers (PM 2.5) is becoming a serious problem.

Managing and Reducing the Use of Chemical Substances

Fuji Electric set a goal of reducing its environmental emissions of chemical substances by 40% compared with levels recorded in fiscal 2000 by fiscal 2010. This target covers emissions of chemical Pollutant Release and Transfer Register (PRTR) Law-designated substances and for atmospheric emissions of volatile organic compounds (VOCs) in accordance with the voluntary action plan put forward by Japan's four major electronics and electrical industry organizations (see Note) based on the Air Pollution Control Act. Emissions of PRTR-designated substances in fiscal 2010 were 219.1 tons, down 40.4% compared with levels recorded in fiscal 2000. Atmospheric emissions of VOCs totaled 286.1 tons, a reduction of 62.2%. In each case, Fuji Electric successfully achieved its targets.

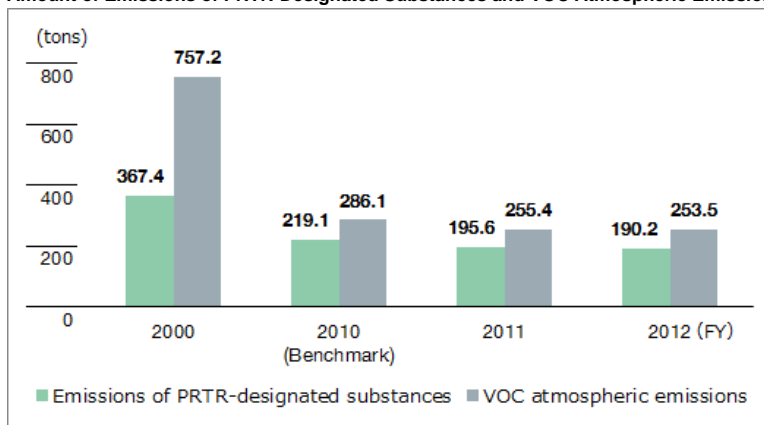
In fiscal 2012, Fuji Electric worked to achieve a voluntary 3.3% reduction from fiscal 2010 levels in Japan, based on its Environmental Management 3-Year Rolling Plan. We achieved this target both for PRTR-designated substance emissions, which were 190.2 tons, and atmospheric emissions of VOCs, which were 253.2 tons.

These reductions reflect successful efforts to shift to alternative substances while overcoming wide-ranging issues relating primarily to production, production technology, and quality. The results also reflect of our steady investment in environmental facilities.

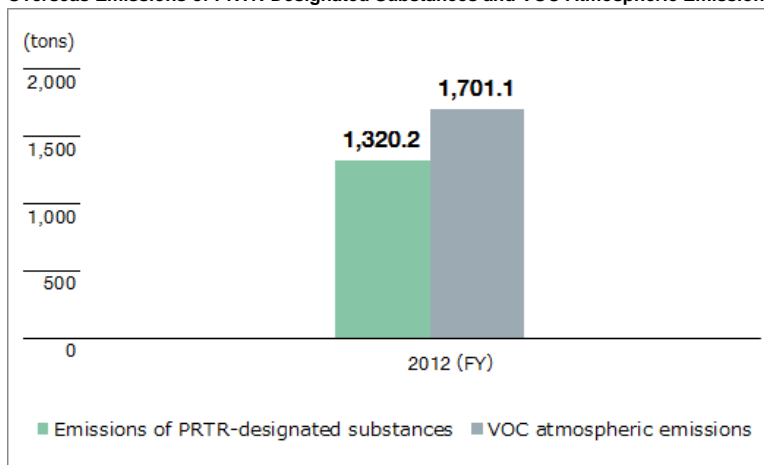
Meanwhile, overseas our Environmental Management 3-Year Rolling Plan includes voluntary targets for reductions from 2014 onward, based on the emissions levels in fiscal 2013. We have therefore undertaken surveys of PRTR-designated substances and VOC emissions from fiscal 2012 onward.

Note: The four electrical and electronics industry organizations were The Japan Electronics and Information Technology Industries Association (JEITA); the Communications and Information Network Association of Japan (CIAJ); the Japan Business Machine and Information System Industries Association (JBMIA); and the Japan Electrical Manufacturers' Association (JEMA).

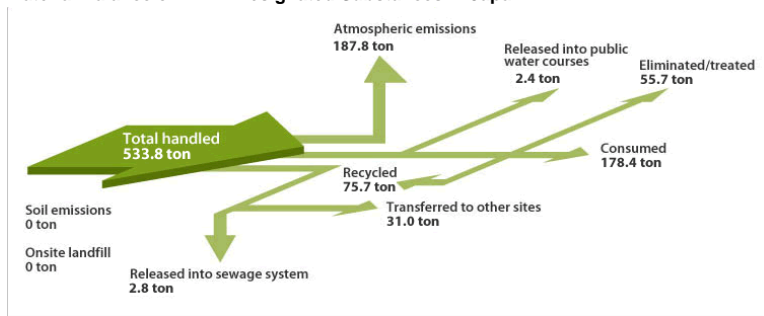
Amount of Emissions of PRTR-Designated Substances and VOC Atmospheric Emissions in Japan



Overseas Emissions of PRTR-Designated Substances and VOC Atmospheric Emissions



Material Balance of PRTR-Designated Substances in Japan



Managing Products that Contain Chemical Substances

Fuji Electric holds regular liaison meetings (roughly on a quarterly basis) and an annual Company-wide seminar to promote the sharing of information with respect to a variety of issues including trends in statutory and regulatory requirements. Through these means, the Company works diligently to ensure that products, which contain chemical substances, comply with all pertinent legislation worldwide.

In addition, we determine all chemical substance risks across the entire production process including the use of raw materials in the manufacture of products on an individual works basis. At the same time, steps are taken to put in place an optimal management framework.

In fiscal 2012, approximately 30 employees mainly comprising coordinators responsible for managing products that contain chemical substances at all production bases in Japan participated in each liaison meeting. In addition to sharing the latest information on environmental regulations in such global regions and countries as the EU and China, these meetings provided the forum to reinforce the Company's commitment to strictly adhere to appropriate compliance measures. Moreover, during the Company-wide seminar covering such themes as Fuji Electric's energy-related businesses and efforts to reduce environmental impact, an update on revisions to the RoHS Directive were included in the program. In this manner, we continue to maintain a keen eye on trends in chemical substance regulations in overseas countries.

Overseas factories are appropriately handling chemical substances under the direction of mother plants in Japan. In addition to collecting information of chemical substances contained in procured items, we will take steps to provide information to customers and fulfill our responsibilities as a member of the supply chain going forward.

Copyright©2013 Fuji Electric Co.,Ltd. All Rights Reserved.