

# Green Process/Green Facilities

## Two new efforts initiated to change all our manufacturing bases into eco-friendly plants

Green Factory — We are developing new “Green Process activities” and “Green Facility activities” as a means of promoting eco-friendly manufacturing. The “Green Process activities” are being implemented Group-wide, while the “Green Facility activities” are being started gradually by the electronic devices divisions.

### What are Green Process activities?

These are continuous efforts to reexamine the processes on our product manufacturing lines to reduce the environmental burden imposed in such areas as materials input and chemical and energy use. We promoted these activities, which are linked to cost-cutting activities, centered on the Mie Plant electronic devices manufacturing base in fiscal 2003. In fiscal 2004 we are using the results and know-how acquired there to develop them at Fujitsu Group manufacturing bases.

### Activity contents/evaluation

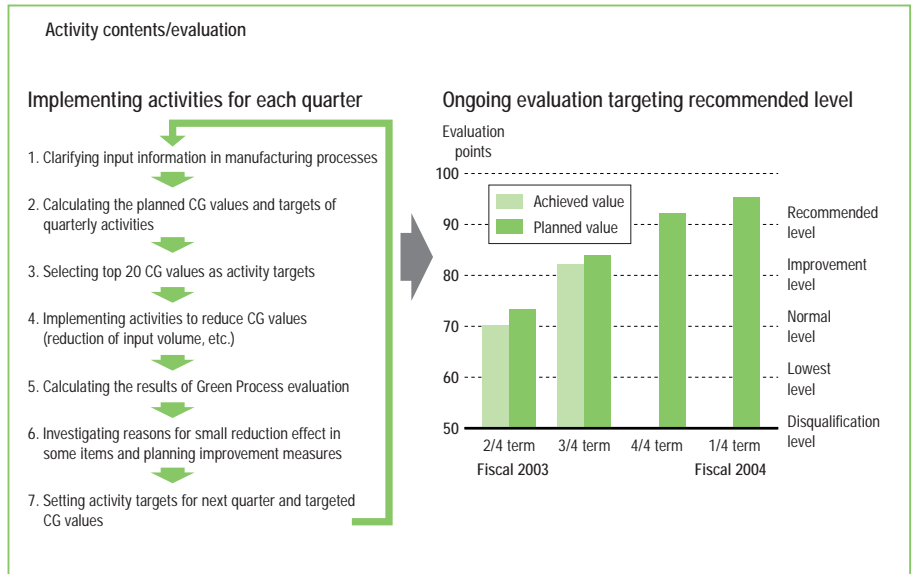
Green Process activities are implemented by establishing target values and planned values following quarterly clarification of targeted reduction activities. If a target or plan is not met, we analyze the reason thoroughly and make positive use of the results in subsequent activities.

### Evaluation items

Evaluation items are determined according to the manufacturing process structure. Evaluation contents are constituted with respect to reduction of the cost green (CG) index.

### Evaluation method

We establish targeted or planned values based on the cost green (CG) index. We then determine measures from the perspective of cost and environmental burden reduction and implement them.



### Mie Plant results

The following results were achieved for some products through Green Process activities:

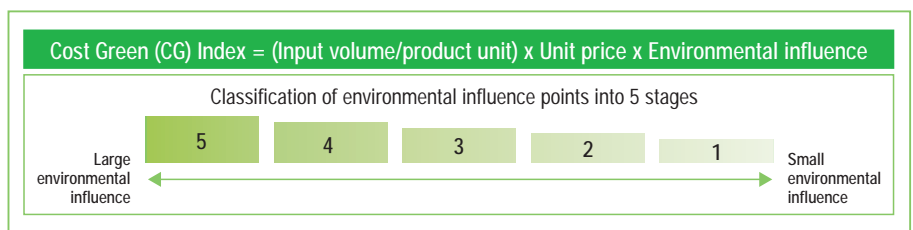
**Chemical substances input volume per unit of product reduced 41.0% in the fourth quarter of fiscal 2003 based on fiscal 2002 fourth-quarter results.**

**Chemical substances input cost per product unit reduced 27.2% in the fourth quarter of fiscal 2003 based on fiscal 2002 fourth-quarter results.**

### Cost Green (CG) Index development

We employ an originally developed “Cost Green (CG) Index” that can extract materials showing larger effects of measures from the perspectives of both cost and environmental burden in our evaluation of Green Process activities. The index is calculated by

multiplying three such numerical values as the unit price, volume used per product unit and environmental influence points determined in-house for each material, including chemicals, gases and parts.



### What are Green Facility activities?

These are activities conducted to improve the processes of “Periodical target setting ~ Environmental burden reduction activities focused on energy-saving and CO<sub>2</sub> reduction ~ Results evaluation ~ Further improvement” continuously in the facility management divisions. They were begun following the introduction of Green Process

activities by the manufacturing divisions in an effort to reinforce the conventional activities of the facility management divisions. We conducted trial activities in fiscal 2003 and will extend these activities to the electronic devices divisions first and then gradually to the facility management sections of every division in fiscal 2004.