

Water Resource

Fiscal 2011 Topics

- The production efficiency of the plating process was improved, resulting in a reduction in water consumption.

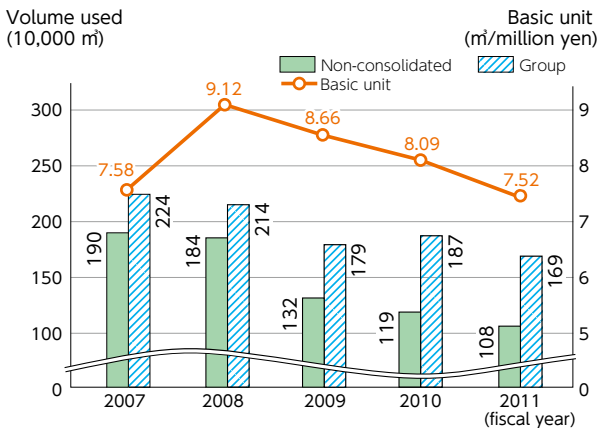
Basic Philosophy

The NGK SPARK PLUG Group recognizes that water is an important resource, and is making efforts to reduce the volume of tap water and well water used in our business activities.

Results of the Fiscal 2011 Targets, and the Fiscal 2012 Targets

The Group aimed for per unit production of 7.77 m³/million yen for fiscal 2011. We achieved an excellent result of 7.52 m³/million yen, far exceeding our target. For fiscal 2012, we hope to achieve per unit production of 8.30 m³/million (9.5% up from 2007) through various reduction measures.

Trends in volume of tap water/well water used



VOICE

We at the Komaki Plant conserve water on a daily basis. The faucets of our basins are equipped with water-saving packing or foaming caps to control water flow, resulting in a reduction in water consumption of about 40 to 60%. We intend to continue such efforts in order to contribute to water conservation. Our next plan is to look into water-saving toilets, which are recently becoming popular.



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PICK UP Reduction in water consumption through improved production efficiency - NTK Ceramic Co., Ltd.

During the plating process, several panels are hung on a rack for plating. To improve production efficiency, we tried increasing the number of panels hung on each rack during plating, and found that the plating quality remained the same. Therefore, we have now increased the number of panels per rack. This reduced operation time, and water consumption for the plating line and the rinsing unit was reduced by 7,248 m³ per year.

