

## Report Contents

This report broadly covers significant environmental, safety and hygiene issues in CSC over the years. It is represented in the following order: Environmental, Safety and Hygiene Policy; Environmental, Safety and Hygiene Management System; Environmental, Safety and Hygiene Performance; Product Performance; Greening of the Factory Site; Interaction with Society; Future Prospects; Chronology of Environmental Protection Events and Awards.



## Indicators of Industrial Safety and Hygiene

This report uses "disabling injury frequency rate" and "disabling injury severity rate" to indicate performance on industrial safety and hygiene. Number of "reported near-miss incident cases" and number of "safety and hygiene action plans" are indicators for preventive activity for accidents. Numerous partner companies' performance in safety and hygiene is closely linked to the production of CSC. They are therefore included in this report in the interest of better safety and hygiene.

## Examination and Verification

The information used in this report is provided by the concerned departments of CSC, examined and verified according to procedures set up by CSC Industrial Safety and Hygiene Management as well as the Environmental Management System.



## Executive Summary



## Indicators of Environmental Performance

The "Environmental Load" in this report refers to the environmental load generated in 2004 including input of resources and energy as well as gas, liquid and solid output. This report indicates the current status along with improvement measures taken in the past years. These indicators are used to quantify the environmental load generated in CSC's production and to show trends of improvement.

Indicators are calculated based on each tonne of steel products, including

1. Unit consumption of resources.
2. Unit consumption of energy and discharge of CO<sub>2</sub> gas.
3. Unit discharge of NO<sub>x</sub>, SO<sub>x</sub> and particulates from waste gases.
4. Unit consumption of water and unit discharge of chemical oxygen demand and suspended solids in effluent.
5. Generation of process by-products and the percentages recycled or disposed.

## Style

This report is written in the interest of both specialization and popularization in hopes that readers of various backgrounds find it useful.

