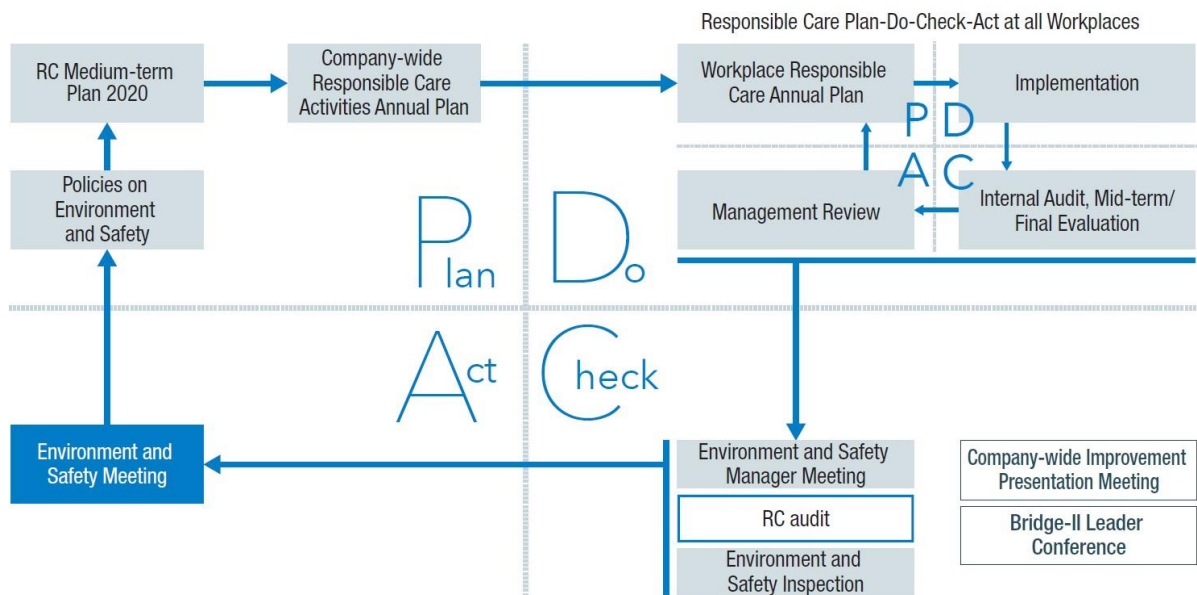


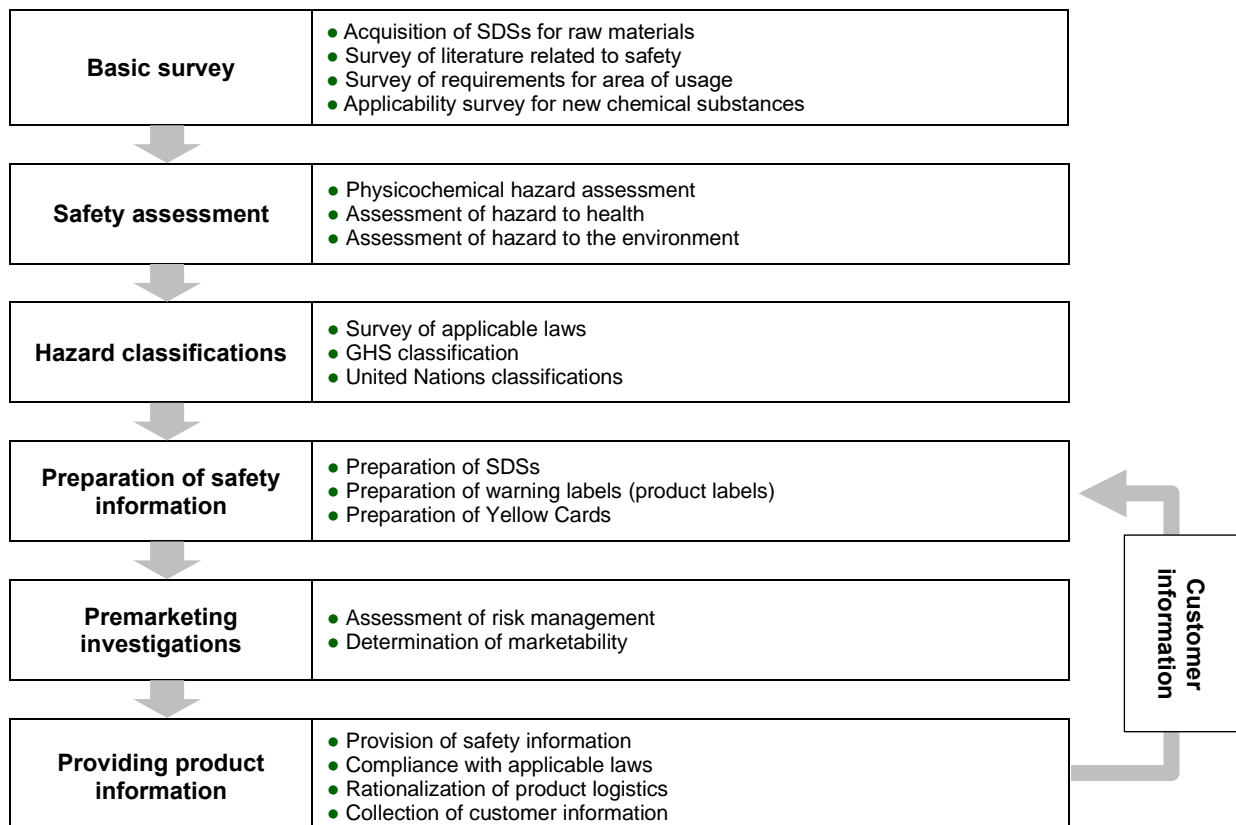
Responsible Care (RC)

Responsible Care Plan-Do-Check-Act (PDCA) | Safety Assessment Process and Provision of Product Information | Responsible Care Medium-term Plan 2020

Responsible Care Plan-Do-Check-Act (PDCA)



Safety Assessment Process and Provision of Product Information



Responsible Care Medium-term Plan 2020 (2018-2020)

| Category of Activities | Mid-Term Plan |
|---|--|
| Occupational Health and Safety | <p>(Basic policy) Maintain occupational health and safety processes across all operations</p> <ul style="list-style-type: none"> ● Aim to eliminate occupational injuries at the work sites of MGC and its partner companies <ul style="list-style-type: none"> ● Implement regular safety activities and ensure all personnel are informed of them ● Share and utilize information about cases of occupational injuries ● Maintain healthy workplace environments and make improvements when necessary |
| Process Safety and Disaster Prevention | <p>(Basic policy) Ensure process safety and security at work sites</p> <ul style="list-style-type: none"> ● Aim to eliminate accidents in the workplace <ul style="list-style-type: none"> ● Ensure proper management of equipment and facilities ● Share and utilize information about cases of workplace accidents ● Improve the ability of employees to ensure safety and manage workplaces through MGC's Bridge-II activities |
| Environmental Protection | <p>(Basic policy) Reduce environmental impacts and contribute to the sustainable development of communities</p> <ul style="list-style-type: none"> ● Aim to protect the natural environment and contribute positively to communities through business activities <ul style="list-style-type: none"> ● Comply with environmental regulatory requirements ● Work to achieve targets for reduction in environmental impact ● Contribute to improving MGC's credibility and reputation in society with respect to environmental protection <p>[Quantitative Environmental Protection Targets through Fiscal 2020]</p> <ol style="list-style-type: none"> 1. Energy intensity: Reduce to no more than 89% of the fiscal 1990 level 2. GHG emissions intensity: Reduce to no more than 66% of the fiscal 1990 level (or 90% of the fiscal 2016 level) <ul style="list-style-type: none"> ● Total GHG emissions (CO₂ equivalent): Reduce by at least 320,000 tons compared with the fiscal 1990 level (or by at least 100,000 tons compared with the fiscal 2016 level) 3. Zero emissions from waste: Reduce waste matter disposed of in landfills to no more than 0.3% of the Group's total waste (by weight) 4. Chemical substances subject to the Pollutant Release and Transfer Register (PRTR) system: Reduce by 10% compared with the fiscal 2017 level |
| Chemical and Product Safety | <p>(Basic policy) Ensure the safe handling, usage, and disposal of chemical products</p> <ul style="list-style-type: none"> ● Work to consistently maintain safety across the entire lifecycle of chemical products <ul style="list-style-type: none"> ● Research and distribute a wealth of chemical-related safety information ● Practice risk management of chemical products ● Comply with chemical management regulations in each country of operations and international rules and regulations |
| Safe Transport and Storage of Chemicals | <p>(Basic policy) Ensure the safe transport and storage of chemicals and related products</p> <ul style="list-style-type: none"> ● Aim to eliminate accidents and problems when transporting and storing chemicals by: <ul style="list-style-type: none"> ● Continually analyzing problems that occur in the transport and storage of chemicals, and distributing results across to all relevant workplaces ● Sharing information on the safe transport and storage of chemicals with the logistics departments of each group company ● Analyzing handling of shipments at their final destinations and making improvements when necessary |
| Communication with Stakeholders | <p>(Basic policy) Build the trust of stakeholders</p> <ul style="list-style-type: none"> ● Implement initiatives for gaining the trust of stakeholders <ul style="list-style-type: none"> ● Proactively disclose information ● Expand opportunities for dialogue with members of local communities |
| RC Initiatives and Management | <p>(Basic policy) Implement MGC group-wide environmental and safety initiatives</p> <ul style="list-style-type: none"> ● Promote environmental and safety activities across the entire MGC Group <ul style="list-style-type: none"> ● Strengthen communication within the Group ● Practice environmental management on a group-wide basis |
| | <p>(Basic policy) Improve environmental and safety management systems on a regular basis</p> <ul style="list-style-type: none"> ● Continuously make improvements to RC management systems |