

GHQ Environmental Management Program for FY2021 (Evaluation)

Targets	Action Plan	Review from April 2021 to March 2022	Self-assessment
1. Promotion of environmental activities			
1. Maintain the governance of certified sites.	1. Maintain and enhance the certification scope of ISO14001:2015.	1. Continued activities catered to each region and business sector. 17 new sites verified certification (end of term site number 63)	○
2. Enhance the governance of certified sites.	2. Continue to improve EMS manual.	2. Revised EMS manual and NYK Group Environment Standards as higher level document.	
3. Maintain ISO14001:2015 certification.	3. Maintain ISO14001:2015 certification.	3. Maintained ISO14001:2015 certification.	
4. Conduct management review.	4. Convene Safety and Environmental Management Committee.	4. Convened Safety and Environmental Management Committee (Environment) in July. Convened Safety and Environment Management Committee (Safety) in February.	
5. Promote group environmental management.	5. Hold the NYK Group Environmental Management Conference.	5. Held the NYK Group Environmental Management Conference (December).	
2. Compliance with shipping industry and company standards			
1. Understand environmental treaties, laws and regulations of ships and comply with them.	1. Conduct audits of vessels and ship management companies in accordance with NAV9000 system.	1. Continued conducting e-audits. Updated check list (May).	○
2. Contribute to creation of the international rules and regulations through shipping-related organizations.	2. Attendance of meetings for formulation of international rules and regulations.	2. Attended MEPC76 (June) Attended MEPC77 (November)	
3. Prevention of global warming			
1. Attain 30% improvement of fuel efficiency by 2030 compared with 2015.	1. Implement fuel-saving initiatives and collect data for calculating the fuel efficiency.	1. Obtained external certification by totaling GHG emissions in FY2020.	○
2. Reduce total GHG emissions from NYK Group.	2. Realize GHG reduction based on IMO target and medium-term management goals.	2. Held four cross-departmental committee meetings for managements, managers, and vessel operators.	
3. Continue study toward installation of internal carbon pricing and TCFD.	3. Continue study toward installation of internal carbon pricing and TCFD.	3. Organized disclosure content.	
4. Prevention of air pollution			
1. Reduce NOx and SOx emissions.	1. Order vessels that meet environmental regulations.	1. Ordered six vessels that meet the environmental regulations.	○
	2. Properly use low-sulphur fuel oil.	2. Achieved zero de-bunkering due to off-spec. Conducted 3,300 fuel oil analyzes.	
5. Marine environment conservation and adoption of environmental technologies			
1. Install ballast water management systems.	1. Expand installation.	1. Newly installed on 17 existing vessels.	○
2. Scrap ships in an environment-friendly manner.	2. Comply with NYK standards for ship recycling.	2. Supervised monitoring at scrapping site (one vessel).	
3. Contribute to fact-findings on marine plastic pollution.	3. Continually use vessels to conduct microplastic sampling.	3. Completed sampling of 30 locations using two tankers.	
6. Efforts for saving resources and energy, reducing waste, and recycle			
1. Reduce the water/paper consumption and GHG (electricity/steam) emissions at the head office by 0.5% compared to FY2020.	1. Measure periodically and conduct in-house publicity to ensure energy-conservation awareness.	Achieved following results compared with FY2020. Electricity : -7.0% Boiler : +6.2% 1. Water : +25.2% Paper : +22.5% Achieved all targets compared with FY2019 before COVID-19. Switched to renewable energy at the head office.	△
7. Stimulation of interest in environmental conservation activities			
1. Conduct environmental training.	1. Conduct environmental training and workshops.	1. Conducted ESG training for new employees (April). Conducted standard training for ISO 1400 personnel (May).	○
2. Conduct environmental e-Learning programs.	2. Create e-Learning content and improve the number of participants.	2. Updated e-Learning content. Participation rate 93%	
3. Share environmental information with group employees.	3. Report environmental articles in internal newsletter and conduct environmental conservation campaigns.	3. Continued to post environmental articles in internal newsletter. Held environmental slogan campaign and photo contests.	
8. Disclosure of environmental information			
1. Issue NYK Report.	1. Review, update, and release content.	Issued NYK Report. 1. Japanese version August English version September	○
2. Respond to external survey on the environment.	2. Actively participate in external surveys and present the environmental activities of the Group.	2. Responded to 31 questionnaires and interviews.	
3. Provide up-to-date environmental information through website.	3. Review and update the items.	3. Updated website six times. Reviewed the reduction target of GHG (October).	
4. Disclose GHG emission information.	4. Disclose and verify scope 1,2, and 3 GHG data.	4. Disclosed together with certification by Japan Quality Assurance Organization.	