







# Action Plan 『TDK Environment, Health and Safety Action 2025』

Established: April 1, 2016  
Revised: April 1, 2020

Tasks	Fiscal Year 2020		Fiscal Year 2021	Fiscal Year 2025	Fiscal Year 2035 (100th anniversary)			
	Objectives	Practical Activities						
<b>[1] TDK Environment Activity: improve CO<sub>2</sub> emissions basic-unit in a lifecycle perspective 50% by 2035, compared with Fiscal Year 2014</b> assess our entire value chain emissions impact including environmental contribution, and improve the sales based basic units								
Promotion as an in-house activity		(1) reduce CO <sub>2</sub> emissions from production activities	<ul style="list-style-type: none"> <li>improve CO<sub>2</sub> emissions basic-unit from energy use 1.8% compared with the previous FY</li> </ul>	<ul style="list-style-type: none"> <li>implement energy-saving activities at each manufacturing site equivalent to 2.0% of the previous FY's CO<sub>2</sub> emissions</li> <li>set voluntary CO<sub>2</sub> emissions targets</li> <li>consider introduction of renewable energy</li> </ul>	improve CO <sub>2</sub> emissions basic-unit (Scope1 and 2) 8.4% compared with the base year(FY 2014)			
		(2) expand renewable energy usage	<ul style="list-style-type: none"> <li>promote renewable energy introduction/purchase</li> </ul>	<ul style="list-style-type: none"> <li>research of renewable energy purchasing sources</li> <li>considering target and plans of renewable energy introduction /purchase by GHQ/RHQ bases</li> </ul>				
		(3) reduce water usage	<ul style="list-style-type: none"> <li>improve water usage basic unit 1.5% of the previous FY</li> </ul>	<ul style="list-style-type: none"> <li>improve water usage basic-unit 1.5% compared with the previous FY at each manufacturing site</li> <li>improve the recycling ratio of water</li> </ul>				
		(4) use resources effectively	<ul style="list-style-type: none"> <li>improve waste amount basic-unit 1.5% of the previous FY</li> </ul>	<ul style="list-style-type: none"> <li>improve waste amount basic-unit 1.5% of the previous FY at each manufacturing site</li> <li>promote internal recycle/reuse</li> </ul>				
Contribution to society		(5) reduce CO <sub>2</sub> emissions from a life cycle perspective	<ul style="list-style-type: none"> <li>reduce environmental load by procurement resource reduction</li> <li>reduce the amount of CO<sub>2</sub> emissions in logistics 3.0% of FY 2014</li> </ul>	<ul style="list-style-type: none"> <li>effective use of input resource materials (improvement of resource efficiency)</li> <li>review the international shipping of products and materials</li> </ul>	establish Scope3 CO <sub>2</sub> emissions basic-unit targets each categories	improve CO <sub>2</sub> emissions basic-unit 30%	improve CO <sub>2</sub> emissions basic-unit in a lifecycle perspective 50%	
	 	(6) expand environmental contribution of products	<ul style="list-style-type: none"> <li>improve CO<sub>2</sub> reduction contributions basic-unit 2.7% compared with the previous FY</li> </ul>	<ul style="list-style-type: none"> <li>calculate product contributions amounts of new products</li> <li>review of product contribution calculation guidelines</li> </ul>				
		(7) expand renewable energy business	<ul style="list-style-type: none"> <li>develop and expand sales of products for the renewable energy market</li> </ul>	<ul style="list-style-type: none"> <li>expand sales into the renewable energy market by using SSRS(Sustainable Strategy Review Sheet)</li> </ul>				
		(8) reduce risks of chemicals use	<ul style="list-style-type: none"> <li>reduce influence of chemicals to the human and environment</li> </ul>	<ul style="list-style-type: none"> <li>promote the substitution and reduce usage of hazardous chemicals</li> <li>review and revise of the 《Chemical Substance Control Detailed Rules》 for Japan sites</li> </ul>				examine the possibility of centralized management of chemical substances by RHQ
	 	(9) contribute to environmental society	<ul style="list-style-type: none"> <li>preserve the environment and biodiversity</li> </ul>	<ul style="list-style-type: none"> <li>promote forest protection activity</li> <li>promote environmental education and awareness</li> <li>assess the CO<sub>2</sub> contribution amount of social activities</li> </ul>				<ul style="list-style-type: none"> <li>promote forest protection activity</li> <li>promote environmental education and awareness</li> <li>assess the CO<sub>2</sub> contribution amount of social activities</li> </ul>
<b>[2] TDK Health and Safety Activity</b> take action toward to achieve "Zero labor accident", our ultimate goal								
	activity for health and safety	<ul style="list-style-type: none"> <li>achieve the "ZERO significant labor accident(※)"</li> </ul>	<ul style="list-style-type: none"> <li>mitigate the significant safety risks</li> <li>promote the safety patrol by site top manager thoroughly</li> </ul>	achieve the "ZERO significant labor accident"				

※significant labor accident: an accident with remaining disability, required long-term nursing, or fatality