

Environmental Stewardship (continued)

Emission of Ozone-Depleting Substances (ODS)⁵⁵

We are committed to phasing out equipment that uses ozone-depleting substances (ODS).

Following the guidelines set by the Montreal Protocol, we have been progressively transitioning to equipment that utilises gases with no ozone-depleting potential.

Specifically, we have adopted R-134a and R-404a gases as alternatives to R-22, ensuring compliance with international standards and best practices in adopting non-ODS refrigerants in our operations.

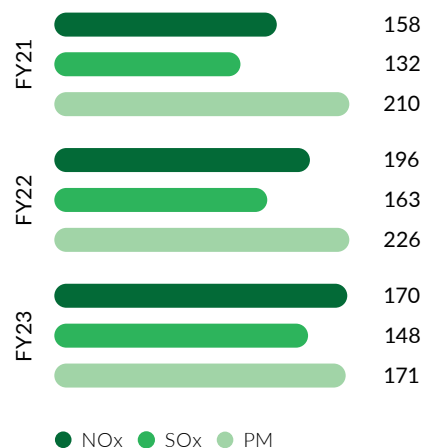
Our sources of emissions of ODS are primarily from the refrigerants

in air-conditioners and chiller plants. For the reporting year, the recharge quantity of CFC 11 equivalent ODS was 0.256 MT.

Other Air Emissions⁵⁶

We monitor the emissions of air pollutants such as sulphur oxides (SOx), nitrogen oxides (NOx), and particulate matter from our operations. We continuously maintain these at levels lower than those prescribed by central and state pollution control boards. We are actively exploring initiatives to reduce the intensity of air pollutant emissions and ensure compliance with relevant environmental standards and regulations.

Emissions (MT)



Waste Management⁵⁷



Our waste management strategy involves monitoring waste at its source, optimising resource utilisation and minimising the generation of waste. We prioritise waste diversion from landfills through recycling and other recovery methods, including co-processing. Our waste management practices align with our commitment to co-processing 30% of hazardous waste by 2025.

Additionally, we have embraced digitalisation to reduce paper consumption within our operations. In FY22, we initiated the Equipment Qualification and Validation Life Cycle Management System (EQVLMMS), a software mechanism to replace manual paper-based document archiving with an online repository.

Type of Waste Generated (MT)⁵⁸

	FY20	FY21	FY22	FY23
Hazardous	23,448.83	30,580.94	29,786.86	32,033.46
E-waste	5.43	6.22	9.37	9.51
Non-hazardous	11,734.22	17,027.73	21,471.00	21,431.22

⁵⁵GRI 305-6, ⁵⁶GRI 305-7, ⁵⁷GRI 306-1, 306-2, ⁵⁸GRI 306-3

Waste Diverted from Disposal (MT)⁵⁹

Categories	FY20	FY21	FY22	FY23
Hazardous waste				
Reuse	0	0	0	0
Recycling	10,201.43	13,543.25	15,451.10	15,448.30
Other recovery options	0	0	0	0
Total	10,201.43	13,543.25	154,51.10	15,448.30
E-waste				
Recycling	5.62	7.20	10.71	5.32
Non-hazardous waste				
Reuse	5.84	1.90	1.92	3.08
Recycling	9,930.63	13,495.62	20,156.81	20,036.02
Other recovery options	599.33	640.01	811.18	629.26
Total	10,535.8	14,137.53	20,969.91	20,668.36

Waste Directed to Disposal (MT)⁶⁰

Hazardous waste	FY20	FY21	FY22	FY23
Incineration	3,044.67	2,755.57	2,188.50	1,717.86
Landfilling	8,220.46	9,543.03	9,027.90	10,536.27
Co-processing	1,452.18	2,540.12	2,377.53	2,759.88
Other disposal operations	0	0	0	0
Total	12,717.31	14,838.72	13,593.93	15,014.01
Non-hazardous waste	FY20	FY21	FY22	FY23
Incineration	43.48	42.66	49.34	41.49
Landfilling	511.04	791.31	804.52	552.38
Other disposal operations	0	0	0	0
Total	554.52	833.97	853.86	593.87

To minimise the disposal of single-use plastics, we have collaborated with an authorised third-party waste handler to collect and manage end-use plastic, ensuring compliance with pollution control board guidelines and extended producer responsibility (EPR) regulations.

⁵⁹GRI 306-4, ⁶⁰GRI 306-5