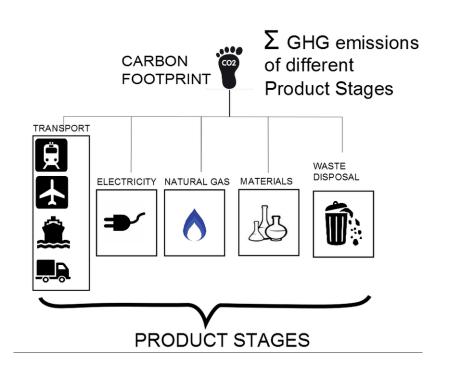
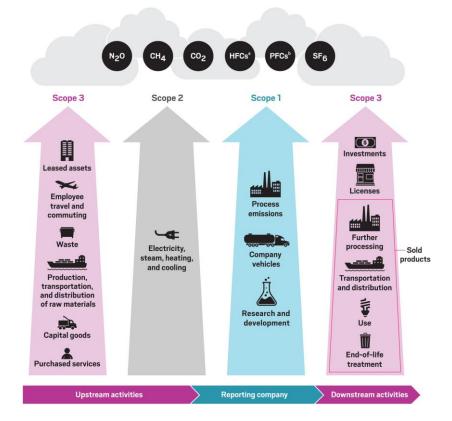


# **Carbon Footprint Of Sarna Chemical Pvt Ltd - 2023-2024**

Carbon Footprint is a measure of amount of carbon dioxide released into atmosphere as a result of company activities like processing, employee commuting, transport etc. Carbon footprint is summation of amount of CO2e from Scope-1, Scope-2 and Scope-3 activities.





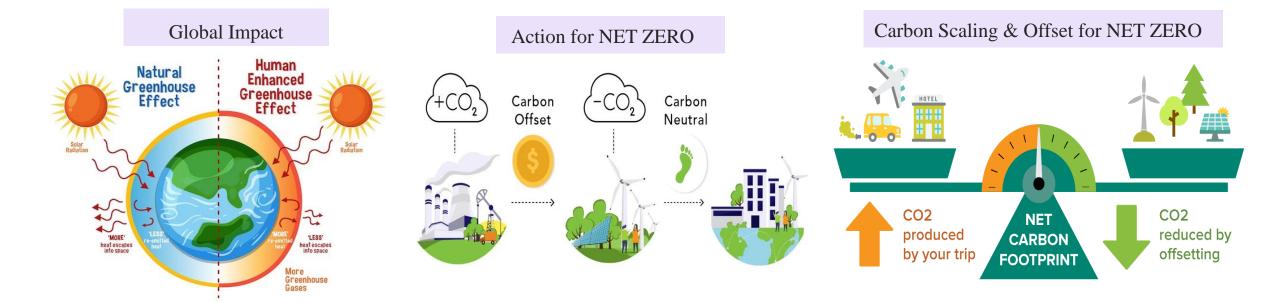


# Carbon Footprint



# Source... Effect...Offsetting...Scaling for NET ZERO

# Source of GHG Source of GHG Supplier Manufacturer Warehouse Distribution Retail Consumer 1 2 3 4 5







Director - Dr. Mohit .M. Rajani Sarna Chemicals Pvt Ltd

### **Director Message**

"We all live at the same planet. We all breathe the same air. We all take responsibility to reduce carbon dioxide and preserve the earth from global warming "

The most prime and urgent challenges facing our society today is climate change, so reducing greenhouse gas (GHG) emissions throughout specialty chemical the value chain is crucial. Sarna Chemical Pvt Ltd reduces upstream and downstream emissions: we offer products and services to agrochemicals, dyes, pharmaceutical polymers and allied fields to achieve significant emissions reductions, and our GHG strategy outlines our commitment to improving the carbon footprint of our own operations, to ultimately reach a net-zero future.

### Director Statement & Guidelines for GHG reduction

### **Carbon Reduction Policy Statement**

As a responsible corporate entity, we are committed to taking significant steps towards reducing our carbon footprint and mitigating the impact of our operations on the environment. Our Carbon Reduction Policy Statement outlines our commitment and the actions we will take to contribute to a sustainable future.

### **Energy Efficiency and Renewable Energy**

We will prioritize energy efficiency measures across our facilities, including office spaces, data centers, and manufacturing units. This includes implementing energy-saving technologies, optimizing heating, ventilation, and cooling systems, and promoting responsible energy consumption among our employees. We will actively explore and invest in renewable energy sources to power our operations. This may involve installing solar panels, procuring renewable energy from reliable sources, and participating in local or regional renewable energy programs.

### **Carbon Footprint Measurement and Reduction**

We will conduct a comprehensive assessment of our carbon footprint across all aspects of our operations, including energy consumption, transportation, waste management, and supply chain. Based on the assessment, we will set clear and measurable targets to reduce our greenhouse gas emissions. These targets will align with scientifically recognized goals, such as those set by the Paris Agreement, to limit global warming to well below 2 degrees Celsius.

### **Waste Management and Recycling**

We will implement a comprehensive waste management program that prioritizes waste reduction, reuse, and recycling. This includes providing adequate recycling facilities, promoting responsible waste disposal practices, and minimizing single-use items within our premises. We will collaborate with our suppliers and partners to reduce packaging waste, promote sustainable packaging alternatives, and encourage recycling initiatives throughout our supply chain.

### **Sustainable Transportation**

We will encourage and incentivize the use of public transportation, carpooling, and cycling among our employees to reduce carbon emissions from commuting. Where feasible, we will transition our fleet of vehicles to low-emission or electric alternatives. We will also explore partnerships with service providers that prioritize sustainable transportation options.

### **Employee Engagement and Awareness**

We will raise awareness and provide education to our employees regarding the importance of carbon reduction and sustainable practices. This will include training programs, internal communications, and regular updates on our progress. We will encourage employee participation and engagement in carbon reduction initiatives through recognition, rewards, and internal competitions.s

### **Continuous Improvement and Reporting**

We will regularly monitor, measure, and report our progress towards achieving our carbon reduction targets. This will include transparently sharing our performance data, accomplishments, and challenges. We will actively seek opportunities for innovation and improvement, staying informed about emerging technologies, practices, and policy developments that can further enhance our carbon reduction efforts.

We are committed to being at the forefront of sustainable business practices. By implementing this Carbon Reduction Policy Statement, we aim to contribute to the global efforts to combat climate change and ensure a cleaner, greener, and more sustainable future for generations to come



# **Carbon Foot print: Public Report Green House Gases Emission 2023-2024**

Year: 2021-2022

Emission from Scope 1, Scope 2 & Scope 3

Green House Gases MT Emissions 2021-2022				
Type of Scope Type of Scope		Metric Ton		
CO2 e from scope 1	CO2 e from scope 1	6356.21064		
CO2 e from scope 2	CO2 e from scope 2	2748		
CO2 e from scope 3	CO2 e from scope 3	4.4988		
Total emission from scope	Total emission from scope	4.4300		
1 + 2 + 3	1 + 2 + 3	9108.70944		

Green House Gases MT Emissions Year 2022-2023				
Type of Scope	Type of Scope	Metric Ton		
CO2 e from scope 1	CO2 e from scope 1	5826.52642		
CO2 e from scope 2	CO2 e from scope 2	2519		
CO2 e from scope 3	CO2 e from scope 3	4.1239		
Total emission from scope $1+2+3$	Total emission from scope $1 + 2 + 3$	8349.65032		

Year: 2023-2024

Emission from Scope 1, Scope 2 & Scope 3

Green House Gases MT Emissions 2023-2024				
Type of Scope	Type of Scope	Metric Ton		
CO2 e from scope 1	CO2 e from scope 1	5296.8422		
CO2 e from scope 2	CO2 e from scope 2	2290		
CO2 e from scope 3	CO2 e from scope 3	3.749		
Total emission from scope $1 + 2 + 3$	Total emission from scope $1 + 2 + 3$	7590.5912		

Green House Gases MT Emissions 2024-2050 (NET Zero)				
Type of Scope	Type of Scope	Metric Ton		
CO2 e from scope 1	D2 e from scope 1 CO2 e from scope 1			
CO2 e from scope 2	CO2 e from scope 2	1145 MT		
CO2 e from scope 3	CO2 e from scope 3	00 MT		
Total emission from scope	Total emission from scope	00 1411		
1+2+3 $1+2+3$		1145 MT		



### Green House Gases Inventory & Interal Audit Of Sarna Chemical Pvt Ltd -2023-2024

	Activity	Fuel Type/Distance	Unit in Kg or L or Km	CO2e factor/L or Kg	GWP	CO2e MT
scope 1	, was ny	Carbon dioxide (CO2) I		CO2c factor/L of Rg	J#1	CO20 1911
Stationary Emissions [CO2emmision]	Production/Boiler	Naptha/gasoline	2223450 L/587373.3498 Gallon	8.50 kg CO2e/gallon	1	4992.67
	Production/Boiler	Naptha/gasoline		0.38g CH4/gallon	25	5.58
	Production/Boiler	Naptha/gasoline		0.008 g N2O/gallon	298	1.4002
			Total CO2e from neptha/gasoline	T		4992.68
Stationary Emissions [CO2emmision]	Production/Boiler	Diesel	6500	2.6553kg CO2e/L OR 10.108gm/gallon		65.701
Coal	NA NA	NA NA	NA NA	NA NA		0
Biomass Natural Gas	NA NA	NA NA	NA NA	NA NA		0
Light Diesel Oil	NA NA	NA NA	NA NA	NA NA		0
Mobile Emissions [CO2 emmision]	Mobile Emissions (Med & Heavy Truck owned/Leased)	Diesel	10000 (2641.721 Gallon)	10.21 kg/Gallon	1	102.1
Mobile Emissions [N2O emmision]	Mobile Emissions (Med & Heavy Truck owned/Leased)	Diesel	10000 (35 L per 100 km or 62.13 miles) 77751.4 miles/10000L	0.0048g/miles		0.373
Mobile Emissions [N2O emmision] eqv CO2e	Mobile Emissions (Med & Heavy Truck owned/Leased)	Diesel	10000 (35 L per 100 km or 62.13 miles) 77751.4 miles/10000L	0.0048g/miles x298		111.154
Mobile Emissions [CH4e emmision]	Mobile Emissions (Med & Heavy Truck owned/Leased)	Diesel	10000 (35 L per 100 km or 62.13 miles) 77751.4 miles/10000L	0.0051g/miles		0.3965
Mobile Emissions [CH4e emmision] eqv CO2e	Mobile Emissions (Med & Heavy Truck owned/Leased)	Diesel	10000 (35 L per 100 km or 62.13 miles) 77751.4 miles/10000L	0.0051g/milesx25		9.9125
	Total CO2 emis		Mobile activity (Fuel Diesel)		1	288.8675
			de (CO2e) emission from mobile emissions			
Mobile Emissions [CO2 emmision] Third Party	Light Duty Trucks	Km	5000km/3106.856 miles (100km per 35L; 142.85L =37.73 gallon)	10.21 kg CO2e/gallon	1	0.385
	W D . M . I	TV.	CO2e in MT 10000 km/6213.712 miles (100km =35L: 285.71 = 75.46 gallon	10.211 002 / 11	1 1	0.7704
	Heavy Duty Trucks	Km	10000 km/6213.712 miles (100km =35L: 285.71 = 75.46 gallon CO2e in MT	10.21 kg CO2e/gallon	1	1.1554
			CO2e in MI		+	1.1334
		Nitrogen ovi	de (N2O) emission from mobile emissions			
Mobile Emissions [N2O emmision] Third Party	Light Duty Trucks	Km	5000km/3106.856 miles	0.0015g/miles	298	4.721
	Heavy Duty Trucks	Km	10000 km/6213.712 miles	0.0048g/miles	298	8.888
			oxide emissions from Mobile emissions		1	13.609
			(CH4) emissions from Mobile emissions		•	•
Mobile Emissions [CH4 emmision] Third Party	Light Duty Trucks	Km	5000km/3106.856 miles	0.0051g/miles	25	0.375
	Heavy Duty Trucks	Km	10000 km/6213.712 miles	0.0010g/miles	25	0.1553
	Total	Methane emissions from N	Mobile emissions			0.5303
		Overall Total CO2e from	1 Scope 1			5296.8422
Scope 2		TH	Unit (KWH)	69.5 0.5/kg		2200 MET (FIDA 1 1 1 .
(Other party provider) Jan 2023-Dec 2024	_	Electricity	32319	69.5 U.5/Kg	_	2290 MT (EPA calculato
		Steam a) CO2 e				
				66 33/mmbtu		
			0	66.33/mmbtu 1.250/mmbtu	25	0
		a) CO2 e b) CH4e c) N2Oe	0 0	1.250/mmbtu	25 298	0
		b) CH4e c) N2Oe	0		25	0
		b) CH4e	0	1.250/mmbtu	25	0
C 3		b) CH4e c) N2Oe	0	1.250/mmbtu	25	0
Scope 3	Care CNG / Light	b) CH4e c) N2Oe Total CO2e s	0 0 from scope2	1.250/mmbtu	25	0
Scope 3 Transport Employee commute	Cars CNG ( Light	b) CH4e c) N2Oe	0	1.250/mmbtu 0.125/mmbtu	25	0
	Cars CNG ( Light Vehicle)	b) CH4e c) N2Oe Total CO2e s	0 0 from scope2 2000 Kg CNG CO2e kg	1.250/mmbtu	25	0 0 2290
		b) CH4e c) N2Oe Total CO2e s	0 0 from scope2	1.250/mmbtu 0.125/mmbtu	25	0
		b) CH4e c) N2Oe Total CO2e s	0 0 0 From scope2 2000 Kg CNG CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu	25	0 0 2290
		b) CH4e c) N2Oe Total CO2e s	0 0 0 From scope2 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg)	1.250/mmbtu 0.125/mmbtu 1.44g/km	25	0 0 2290 288 Kg 0.288
		b) CH4e c) N2Oe Total CO2e s	0 0 0 From scope2 2000 Kg CNG CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu	25 298	0 0 0 2290
		b) CH4e c) N2Oe Total CO2e s	0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg	1.250/mmbtu 0.125/mmbtu 1.44g/km	25	0 0 2290 288 Kg 0.288
		b) CH4e c) N2Oe Total CO2e s	0 0 0 1 2000 Kg CNG 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in metric ton N2Oe eqv to CO2e	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	0 0 2290 288 Kg 0.288 1.65 Kg 0.00165 0.4917
		b) CH4e c) N2Oe Total CO2e s	0 0 0 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e CH4e in kg	1.250/mmbtu 0.125/mmbtu 1.44g/km	25 298	288 Kg 0.288 0.288 0.288 0.00165 0.4917
		b) CH4e c) N2Oe Total CO2e s	0 0 0 1 CO2e kg CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in metric ton N2Oe eqv to CO2e CH4e in kg CH4e in metric ton	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	288 Kg 0.288 0.288 0.288 0.00165 0.4917
		b) CH4e c) N2Oe  Total CO2e I  Passenger Cars	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in wetric ton N2Oe eqv to CO2e CH4e in kg CH4e in metric ton CH4e eqv to CO2e	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	288 Kg 0.288 0.288 0.288 1.65 Kg 0.00165 0.4917 22.11 KG 0.02211 MT
		b) CH4e c) N2Oe Total CO2e s	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in wetric ton N2Oe eqv to CO2e CH4e in kg CH4e in metric ton CH4e eqv to CO2e	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	288 Kg 0.288 0.288 0.288 0.00165 0.4917
Transport Employee commute		b) CH4e c) N2Oe  Total CO2e 1  Passenger Cars  Total CO2e Transport	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in metric ton N2Oe eqv to CO2e CH4e in kg CH4e in kg CH4e in metric ton CH4e eqv to CO2e Employee Commute	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	288 Kg 0.288 0.288 0.288 1.65 Kg 0.00165 0.4917 22.11 KG 0.02211 MT 0.5527 2.5407
		b) CH4e c) N2Oe  Total CO2e I  Passenger Cars	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e CH4e in metric ton CH4e in kg CH4e in metric ton CH4e or CO2e Employee Commute CO2e kg	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	288 Kg 0.288 0.288 0.288 1.65 Kg 0.00165 0.4917 22.11 KG 0.02211 MT 0.5527 2.5407
Transport Employee commute		b) CH4e c) N2Oe  Total CO2e 1  Passenger Cars  Total CO2e Transport	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in metric ton N2Oe eqv to CO2e CH4e in kg CH4e in kg CH4e in metric ton CH4e eqv to CO2e Employee Commute	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	288 Kg 0.288 0.288 0.288 1.65 Kg 0.00165 0.4917 22.11 KG 0.02211 MT 0.5527 2.5407
Transport Employee commute  Procurement of goods and services		b) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Total CO2e Transport  Storage Emission	0 0 0 from scope2  2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e  CH4e in kg CH4e in metric ton CH4e eqv to CO2e Employee Commute  CO2e kg CO2e kg CO2e kg CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 0.125/mmbtu 0.0550g/mile	25 298	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407
Transport Employee commute		b) CH4e c) N2Oe  Total CO2e 1  Passenger Cars  Total CO2e Transport	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e CH4e in metric ton CH4e in kg CH4e in metric ton CH4e or CO2e Employee Commute CO2e kg	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 1.250/mmbtu 0.0550g/mile	25 298	288 Kg 0.288 0.288 0.288 1.65 Kg 0.00165 0.4917 22.11 KG 0.02211 MT 0.5527 2.5407
Transport Employee commute  Procurement of goods and services		b) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Total CO2e Transport  Storage Emission	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e CH4e in kg CH4e in metric ton CH4e eqv to CO2e Employee Commute  CO2e kg CO2e kg CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 1.250/mmbtu 0.0550g/mile	25 298	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407
Procurement of goods and services  Recycle waste		b) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Total CO2e Transport  Storage Emission	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e CH4e in kg CH4e in metric ton CH4e eqv to CO2e Employee Commute  CO2e kg CO2e kg CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 1.250/mmbtu 0.0550g/mile	25 298	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407
Procurement of goods and services  Recycle waste		b) CH4e c) N2Oe Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1= 528.17 KL	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e CH4e in kg CH4e in metric ton CH4e eqv to CO2e Employee Commute  CO2e kg CO2e kg CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu 1.250/mmbtu 1.250/mmbtu 0.0550g/mile	25 298	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407
Procurement of goods and services  Recycle waste		D) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1 = 528.17 KL Plant-2 = 1288.47 KL	0 0 0 1 1 2000 Kg CNG CO2e kg CO2e metric ton 30000 Mile (15 miles/Kg) N2Oe in kg N2Oe in kg N2Oe eqv to CO2e CH4e in metric ton CH4e eqv to CO2e Employee Commute  CC2e kg CO2e kg CO2e metric ton CH4e eqv to CO2e Employee Commute  CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  300 0.3
Procurement of goods and services  Recycle waste		b) CH4e c) N2Oe Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1= 528.17 KL	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  300 0.3
Procurement of goods and services  Recycle waste  Waste water treatment (Given to Third party)		D) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1 = 528.17 KL Plant-2 = 1288.47 KL	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  300 0.3  0 0 0 0.90832 Kg 0.9083
Procurement of goods and services  Recycle waste  Waste water treatment (Given to Third party)  Business Travel		D) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1 = 528.17 KL Plant-2 = 1288.47 KL	0 0 0 1 CO2e kg CO2e kg CO2e metric ton  N2Oe in kg N2Oe in kg N2Oe in kg N2Oe in wetric ton N2Oe eqv to CO2e  CH4e in kg CH4e in metric ton CH4e eqv to CO2e Employee Commute  CO2e kg CO2e metric ton	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  300 0.3
Procurement of goods and services  Recycle waste  Waste water treatment (Given to Third party)  Business Travel  Purchased goods and services		D) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1 = 528.17 KL Plant-2 = 1288.47 KL	0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  300 0.3  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Procurement of goods and services  Procurement of goods and services  Recycle waste  Waste water treatment (Given to Third party)  Business Travel  Purchased goods and services  Downstream Leases Assets		D) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1 = 528.17 KL Plant-2 = 1288.47 KL	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.290  288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  908.32 Kg 0.9083
Procurement of goods and services  Recycle waste  Waste water treatment (Given to Third party)  Business Travel Purchased goods and services  Downstream Leases Assets Use of sold product		D) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1 = 528.17 KL Plant-2 = 1288.47 KL	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.288  288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  300 0.3  0 0 0 0 0 0 0 0 0 0 0 0
Procurement of goods and services  Procurement of goods and services  Recycle waste  Waste water treatment (Given to Third party)  Business Travel  Purchased goods and services  Downstream Leases Assets		D) CH4e c) N2Oe  Total CO2e I  Passenger Cars  Passenger Cars  Total CO2e Transport  Storage Emission  Recycle waste  Wastewater disposal Plant -1 = 528.17 KL Plant-2 = 1288.47 KL	0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1.250/mmbtu 0.125/mmbtu 1.25/mmbtu 1.44g/km 0.0550g/mile 0.7370g/miles	25 298 1 1 298 25	288 Kg 0.290  288 Kg 0.288  1.65 Kg 0.00165 0.4917  22.11 KG 0.02211 MT 0.5527 2.5407  908.32 Kg 0.9083



## Sarna Chemical Pvt Ltd Green House Gases from Company Activity -2023-2024

Activity	Mton CO2e
Gasoline	4992.68
Diesel	288.86
Electricity	2290
Light duty trucks	5.481
Heavy duty trucks	9.8137
Employee commuted	2.5407
Procurement of goods	0.3
Recycle Waste	0
Waste water treatment	0.9083
Total	7590.5837



Gasoline

MT 4992.68

Heavy duty trucks

Diesel

MT 288.86

Employee commuted

MT 2.5407

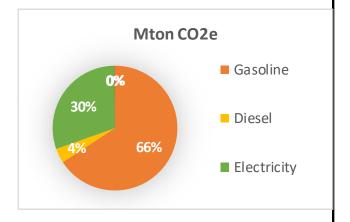


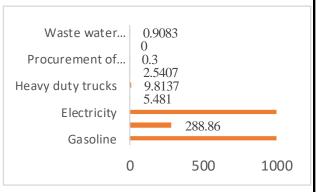
Light duty trucks MT 5.498



Electricity MT 2290

Waste water treatment MT 0.9083







MT 9.8137

Procurement of goods MT 0.3

Recycle Waste

MT 0