

VERIFICATION STATEMENT

n. GHG INV/25-22

FOLLOWING THE VERIFICATION ACTIVITIES PERFORMED BY CERTIQUALITY IN ACCORDANCE WITH UNI EN ISO 14064-3:2019 REQUIREMENTS

This statement is issued to:

**APTAR GROUP INC.
CRYSTAL LAKE, 265 EXCHANGE DRIVE SUITE 100
60014 ILLINOIS - USA**

with reference to the activity of production of dispensing systems for consumer goods in beauty & home, food & beverage and pharma sectors

The verification of GHG emissions was carried out with reference to the assertion:
“Quantification and reporting of GHGs emissions and removals” - Year 2021 - April 8th 2022

From the examination of the GHG assertion, its database and its generation

we state that the verification activities had a positive result as there is no evidence that GHG assertion:

- IS NOT MATERIALLY CORRECT AND IS NOT A FAIR REPRESENTATION OF GHG DATA AND INFORMATION;
- and
- HAS NOT BEEN PREPARED IN ACCORDANCE WITH THE RELATED INTERNATIONAL STANDARD ON GHG QUANTIFICATION, MONITORING AND REPORTING OR WITH THE RELEVANT NATIONAL STANDARDS OR PRACTICES, AND IT DOESN'T RESULT IN ACCORDANCE WITH UNI EN ISO 14064-1:2019.

Based on above mentioned statements and on verification activities conducted for GHG data: March 24th, 25th, 28th, 29th, April 19th 2022 (off site), February 14th 2022 (virtual audit Ancey), February 15th 2022 (virtual audit Oyonnax and Martignat), February 16th 2022 (virtual audit Groissiat and Evron), February 17th 2022 (virtual audit Bellignat), February 21st 2022 (virtual audit Vladimir), February 22nd 2022 (virtual audit Hyderabad), February 23rd 2022 (virtual audit Jundiai), February 24th 2022 (virtual audit Le Neubourg), February 28th 2022 (virtual audit Eatontown), March 1st 2022 (virtual audit Brecey), March 2nd 2022 (virtual audit Granville).

Based on above mentioned statements and on verification activities conducted for waste and water data: March 3rd 2022 (virtual audit Ancey), March 9th 2022 (virtual audit Oyonnax, Martignat, Groissiat), March 10th 2022 (virtual audit Evron, Bellignat, Vladimir), March 14th 2022 (virtual audit Hyderabad, Jundiai), March 15th 2022 (virtual audit Le Neubourg, Eatontown, Brecey, Granville), for a total of 19 man/days, we conclude that in the GHG assertion there are not any omissions, any non-compliance, or mistakes of any kind that may lead to misstatement regarding the total quantity of emissions.

The GHG emission for the year 2021 is 658,786 tonnes of CO₂ equivalent

(Reference period: 01/01/2021 - 31/12/2021)

Annex 1 is a summary of the results of the performed verification activities.

Annex 2 shows additional information that has been verified.

The use of this Statement is allowed only for the purposes provided by law in force.

THIS STATEMENT IS NOT VALID WITHOUT THE RELATED ANNEX.

DATE OF ISSUE: 13/05/2022



GHG n. 001 0
Membro degli Accordi di Mutuo riconoscimento EA, IAF e ILAC.
Signatory of EA, IAF and ILAC Mutual Recognition Agreements.



CERTIQUALITY S.r.l.

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Annex 1 to the Verification Statement n. GHG INV/25-22 - page 1 of 3

PURPOSE OF THE VERIFICATION:

The purpose of the verification activity conducted by Certiquality is to provide, with a limited level of assurance, a professional and independent opinion to interested stakeholders that the assertion of GHG reported in the GHG Report "Quantification and reporting of GHGs emissions and removals - Year 2021" (Rev. April 8th 2022) of APTAR GROUP INC., with reference to the activity of production of dispensing systems for consumer goods in beauty & home, food & beverage and pharma sectors, subject of this statement, complies with the requirements of the Standard and is free of omissions and errors that could lead to material inaccuracies.

LEVEL OF ASSURANCE:

A limited level of assurance was agreed with the Organization for Category 1, Category 2, Category 3, Category 4 and Category 6 emissions.

ORGANIZATIONAL BOUNDARIES:

The organization subject of the GHG inventory is APTAR GROUP INC., with reference to the activity of production of dispensing systems for consumer goods in beauty & home, food & beverage and pharma sectors. The company determined the organizational boundaries by aggregating its GHG emissions at installation level using the control approach, according to which the calculated GHG emissions derive from installations over which the organization has operational control.

Aptar sites operative in 2021 are summarized in the table 1, at page 2 and 3 of Annex 1.

OPERATIONAL BOUNDARIES:

GHG emissions deriving from activities carried out at the sites included in the organizational boundaries, as follows:

Category 1 emissions

Direct emissions associated with natural gas for production processes and HVAC, biomass for heating, fuels for emergency equipment, heating and industrial vehicles, refrigerants used into the acclimatization equipment, motor fuels for company cars.

Total CO₂e direct emissions (Scope 1): 23,921 t CO₂e (of which 22,564 from CO₂, 23.00 from CH₄, 18.00 from N₂O, 1,316 from HFCs), equal to 3.6% of the total GHG emissions.

Category 2 emissions

Indirect emissions from imported energy associated with electricity consumption for production processes, HVAC, compressed air and utilities.

Total CO₂e indirect emissions from imported energy (Scope 2): 201,267 t CO₂e (of which 11,101 t CO₂e "market-based" and 185,416 t CO₂e "location-based"), equal to 30.6% of the total GHG emissions.

Category 3 emissions

Indirect GHG emissions from transport services paid for by Aptar, defined as "upstream transport" (including transport coming from suppliers and intercompany).

Total CO₂e indirect GHG emissions from transportation (Category 3): 28,757 t CO₂e, equal to 4.3% of the total GHG emissions.

Category 4 emissions

Indirect GHG emissions from products used by the organization.

Total CO₂e indirect GHG emissions from products used by the organization (Category 4): 403,469 t CO₂e, equal to 61.2% of the total GHG emissions.

Category 6 emissions

Indirect GHG emissions from other sources (from water consumed).

Total CO₂e indirect GHG emissions from other sources (Category 6): 1,372 t CO₂e, equal to 0.2% of the total GHG emissions.

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Annex 1 to the Verification Statement n. GHG INV/25-22 - page 2 of 3

Table 1 Aptar sites included within the organizational boundaries:

Beauty + Home	EMEA	Annecy
		Charleval
		Chieti
		Dortmund
		Le Neubourg
		Menden
		Oyonnax
		Oyonnax - Martignat
		Oyonnax - Groissiat
		Oyonnax - Evron
		Oyonnax - Bellignat
		Pescara
		Poincy
		Torello
		Verneuil
		Villingen
		Vladimir
		Barcelona
		Milano
	Chavanod (Reboul)	
	Southeast Asia	Chonburi
		Hyderabad
	LATAM	Berazategui
		Cajamar
		Cali
		Jundiai
		Maringa
		Queretaro
		Camacari
	North America	Cary North
		Cary South
		McHenry
		Eatontown
Mukwonago		
Fusion Dallas		
Fusion Paramus		
Fusion Los Angeles		
Elgin Distribution Center		
Northeast Asia		Suzhou Bh
Pharma	EMEA	Radolfzell
		Brecey
		Eigeltingen
		Granville
		Le Vaudreuil
		Mezzovico
		Val De Reuil
		Villepinte
		North America
	Gateway Analytical	
	South East Asia	Mumbai
	Northeast Asia	Suzhou Pha
		Hengyu
Food + Beverage	EMEA	Ckyne
		Freyung
		Leeds
	North America	Lincolnton
		Midland
	Northeast Asia	Suzhou Fb
		Guangzhou
Corporate	EMEA	Louveciennes
	North America	Crystal Lake 265
CSP	North America	Aptar CSP Technologies Atlanta
		Aptar CSP Technologies Auburn 960 West Veterans

		Aptar CSP Technologies Auburn 1000 West Veterans
		Aptar CSP Technologies Auburn 2489 Caldwell Court
		Aptar CSP Technologies Auburn 358 Enterprise Drive
		Aptar CSP Technologies Auburn 2989 Brown Court
	EMEA	Aptar CSP Technologies Niederbronn-les-Bains
Fusion	North America	Fusion Dallas
		Fusion Paramus
		Fusion Los Angeles

GLOBAL ASSESSMENT OF THE COMPLIANCE OF THE GHG REPORT WITH THE REQUIREMENTS OF THE UNI EN ISO 14064-1:2019 STANDARD:

There is no evidence that the GHG emission inventory of the Organisation APTAR GROUP INC., for activities related to organisational and operational boundaries defined for the year 2021, is not substantially correct and is not a fair representation of data and information related to GHG emissions. In addition, there is no evidence that the GHG inventory has not been prepared in accordance with relevant international guidelines on GHG quantification, monitoring and reporting and that the data reported in the inventory contains incorrect omissions, misrepresentations, or errors that could lead to material misstatements. With regard to the goal of the verification, the performed activity provides an adequate basis for the expression of a professional opinion with a limited level of assurance.

VERIFICATION TEAM:

The verification team members possess proven competence to act in accordance with the reference Standard. Certiquality Srl ensured the impartiality and independence of each verification team member with respect to the Organization under verification and of Certiquality itself.

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GHG n. 001 0
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Annex 2 to the Verification Statement n. GHG INV/25-22 - page 1 of 1

Additional information verified, on a sample basis, at Aptar Group Inc's request.

Renewable energy

In reporting year 2021 Aptar sites consumed 563,259 MWh of electrical energy of which 541,761 MWh (96%) produced from **renewable energy sources** (certified by a guarantee of origin and renewable energy certificates).

Waste

The following table provides data on waste management for reporting year 2021. In particular, it shows:

- total waste produced (ton), split into hazardous and non-hazardous;
- percentage of non-hazardous waste sent to recycle, thermal recovery, incineration and landfill;
- percentage of landfill avoidance ratio (i.e. not sent to landfill).

WASTE	
Total Waste [ton]	41,313
Total Hazardous Waste [ton]	5,105
Total Non-Hazardous Waste [ton]	36,208
% Non-hazardous to Recycle	58%
% Non-hazardous to Thermal Recovery	9%
% Non-hazardous to Incineration	1%
% Non-hazardous to Landfill	6%
Total Landfill Avoidance Ratio [%]	83%

Water

The following table shows the amounts of water withdrawn, consumed and discharged in reporting year 2021 at Aptar sites (divided by geographical area).

In particular, the volume of water consumed is 2.7% of the total water withdrawn.

WATER			
Region	Water Consumed (m ³)	Water Withdrawn (m ³)	Water Discharged (m ³)
Europe	40,691	3,428,144	3,387,453
Latin America	31,161	135,935	104,774
North America	36,747	313,764	277,017
Northeast Asia	0	100,360	100,360
Southeast Asia	168	12,477	12,309
Total	108,767	3,990,680	3,881,913

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