

GREENHOUSE GAS INVENTORY (GHGI) VERIFICATION STATEMENT

Statement No:
10000356901-2020-E-ITA-RvA

First Issuance Date:
23 March 2020

Statement Validity:
23 March 2020 – 24 March 2021

DNV GL Business Assurance has verified, in accordance with ISO 14064-3, the Greenhouse Gas (hereinafter GHG) Inventory Statement of the organisation



reported in the document entitled "The AA GHG Compliance Inventory Management Plan 2019/20" dated March 2020 related to the activities of the AA carried out at head office at Fanum House, Basing View, Basingstoke, Hampshire, RG21 4EA and 9 installations where the AA has operational control, located in the United Kingdom.

Based on the verification process procedures, DNV GL states that the aforementioned report has been produced by the Organisation in compliance with ISO 14064-1 Standard on GHG quantification, monitoring and reporting and the GHG information reported provides, with the qualifications listed in the attachment of this Statement, a balanced representation of the organisation's GHG inventory for the period 1 February 2019 to 31 January 2020 with the following GHG emissions results (values rounded to tons):

GHGs (tons CO ₂ -eq)	2019-20					
	CO ₂	CH ₄	N ₂ O	TOTAL	% LocB	% MktB
DIRECT EMISSIONS (SCOPE1)	NA	NA	NA	40500	94.42%	99.36%
Fuel: Combustion of Fuel From the Operational Fleet	37817	5	505	38327	89.35%	94.03%
Fuel: Combustion of Fuel From Company Cars (Fuel Card)	245	1	1	247	0.58%	0.61%
Fuel: Combustion of Fuel From Company Cars (Mileage)	NA	NA	NA	332	0.77%	0.82%
Fuel: Combustion of Fuels From Stationary Assets	1	0	0	1	0.00%	0.00%
Fuel: Natural Gas	1350	2	1	1353	3.15%	3.32%
Fugitive Emissions: Refrigerant Losses	0	0	0	240	0.56%	0.59%
ENERGY INDIRECT EMISSIONS (SCOPE2)						
Electricity: Scope 2 Location Based	2377	6	13	2395	5.58%	
Electricity: Scope 2 Market Based (CO ₂ only)	262	NA	NA	262		0.64%
TOTAL EMISSIONS (Location Based)	NA	NA	NA	42896	100.00%	
TOTAL EMISSIONS (Market Based)	NA	NA	NA	40762		100.00%

Place and date:
Barendrecht, 23 March 2020

For the issuing DNV GL office:
DNV GL – Business Assurance



D.P. Koek
Management Representative

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Verification Objective

The objective of this verification is to assess compliance to the below reported verification criteria of the GHG assertions contained in the document entitled "The AA GHG Compliance Inventory Management Plan 2019/20" for the period 1 February 2019 to 31 January 2020.

Verification Scope

The scope of the verification is defined by:

- The organisation's head office at Fanum House, Basing View, Basingstoke, Hampshire, RG21 4EA and 9 installations where the AA has operational control, located in the United Kingdom. The site's addresses are:
 1. Bedford – Unit 3 Singer Way, Woburn Road, Industrial Estate, Kempston, Bedford, MK42 7AF.
 2. Belfast - Unit 4 West Bank Drive, 5 West Bank Drive, Belfast Harbour Estate, Dargan Road, Belfast BT3 9LA.
 3. Cheadle Lambert House, Stockport Road, Cheadle SK8 2DY.
 4. Clevedon - Unit 8, Carey Industrial Estate, Clevedon, BS21 6RR.
 5. London Longacre 2nd and 8th Floor 90 Long Acre London.
 6. Newcastle - Carr Ellison House, William Armstrong Drive, Newcastle Business Park, Newcastle NE4 7YA.
 7. Oldbury - Swallowfield One, Wolverhampton Rodd, Oldbury B69 2AG.
 8. Redditch - Unit 10 IO Centre, Nash Road, Old Forge Drive, Redditch, Worcestershire, B98 7AS.
 9. Six Hills - Fosse Way, Six Hills, Melton Mowbray, LE14 3PD (closed 28/2/2019).
- Direct GHG emissions from the following sources: natural gas, fuel used in stationary assets, fuel used in transportation and F-Gas losses.
- Indirect GHG emissions from electricity consumption.
- The following greenhouse gases: carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydro-fluorocarbons (HFCs).
- The year 1 February 2019 to 31 January 2020.
- Current organisation activities aimed at reducing GHG emissions, "2019/20 out of scope" emissions and intensity ratios reported in the organisation's report were out of the verification scope.

Verification Level of Assurance

The verification was conducted by DNV GL with a reasonable level of assurance without any qualifications as reported in the below Verification Conclusions.

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Materiality Level

Errors / omissions which represent, single or aggregated, the 5% of total emissions are considered material.

Verification Criteria

The requirements applicable to the organisation's GHG Inventory are those included in ISO 14064-1. Further information relating to market and location based emission factors for scope 2 emissions can be found in the CDP document "Accounting of scope 2 emissions. Technical notes for reporting to CDP Climate Change and Supply Chain in 2016."

Verification Conclusions

Based on the above, DNV GL Business Assurance concludes that the GHG Statement contained in the documented entitled "The AA GHG Compliance Inventory Management Plan 2019/20" relative to the AA for the period 1 February 2019 to 31 January 2020, document which is part of this verification statement provides a balanced representation, in accordance with the above reported verification criteria, of the GHG emissions associated to the activities included in the inventory. Without qualifying our Opinion as stated above, we provide the following clarifications as an additional output to our work.

Scope 2 Location Based and Market Based Factors are reported on the basis of the following electricity consumption 9372059 kWh.

- Market Based Emissions Factors are based on the following: For February 2019 the latest available Scottish Power and Power NI fuel mix statistics (2018-2019 and 2018 respectively) and latest available European Residual Mixes 2018; and From March 2019
- REGOs from Scottish Power, the Power NI fuel mix statistics (2018) and latest available European Residual Mixes 2018 for the supplied electricity. Note that this data is CO₂ and not CO₂te.