



Airbus UK Ltd
Environment Team
Chester Road
Broughton
Chester
CH4 0DR

5th February 2015

Our reference: **NRW/EPR/02/2015**

Beth Voice
Regulatory Officer
Natural Resources Wales
Chester Road
Buckley
CH7 3AJ

MONITORING RETURNS N. WALES

	INITIALS	DATE
CHECKED VS AUTHORISATION	EV	9.2.15
TACKLING	JB	9.2.15
OK FOR PUBLIC REGISTER	EV	9.2.15
YES TO PUBLIC REGISTER		

Re: 2014 Targets and performance review

Dear Beth,

In line with the requirements of condition 4.2.1 of our Permit, please find below our annual report.

Airbus Broughton measured its environmental indicators both as normalised data and as absolute data. For 2014, a management decision was made to normalise against tonnes of 'delivered' product, rather than 'built' product which has been used previously.

During 2014, Airbus Broughton delivered 8360.6 tonnes of finished product, compared with 8329.7 tonnes in 2013. This is an increase of 0.37%. (Please note the difference from the 2013 figure declared last year of 8418.6 tonnes. That was 'built' rather than 'delivered').

For 2014 onward, Airbus had established the following corporate environmental targets:

- No increase in total waste produced (but non-recycled waste to be reduced by 0.9% per year)
- Reduce CO2 emissions by 3.5% per year
- Achieve a 50% reduction in VOC emissions by 2020, based on a 2006 baseline (this equates to an annual target of 4.83%).
- Reduce water consumption by 1.25% per year

Actual environmental performance on the Airbus Broughton site during 2014 was measured as follows.

No increase in total waste produced, based on 2013 data.

- During 2014 Airbus Broughton reduced total waste produced (excluding swarf), normalised, by 5.93% (a reduction of 5.47% in absolute terms), based on 2013 data. This equates to 348.13 tonnes of waste.

Explanation – A number of Airbus 'Blue 5' initiatives were implemented during 2014. A significant reduction in general waste was achieved (199.84 tonnes). Also, a significant reduction in aqueous spray booth waste was achieved following removal of the Hawker paint booths and improvements to the Site 5 paint booths (96.84 tonnes).

Reduce non-recycled waste by 0.9%, based on 2013 data.

- During 2014 Airbus Broughton reduced non-recycled waste produced by 11.15%, normalised, (a reduction of 10.82% in absolute terms) based on 2013 data. This equates to 436.2 tonnes of waste.

Explanation – Please see the explanation above. It should be noted that removal of general waste from the Broughton site is classed as an R13 operation. Airbus Environmental Affairs does not recognise R13 as a recycling operation so it is included in 'non-recycled'. Removal of aqueous spray booth waste is classed as a D9 operation.

For information, during 2014, recycled waste (disposal codes R2 to R9) increased by 80.63 tonnes.

Reduce the total energy consumption [as Tonnes CO₂] on site by 3.5%, based on 2013 data.

- During 2014, total energy consumption [as tonnes CO₂] on the Airbus Broughton site was reduced by 2.83%, normalised, (a reduction of 2.37% in absolute terms), based on 2013 data. This equates to 1551.31 tonnes CO₂.

Explanation – Improvement was achieved through ongoing implementation of Blue 5 initiatives, including lighting replacement to LED standard and site wide compressed air leakage rectification.

Reduce VOC emissions from Broughton site by 4.83%, based on 2013 data.

- During 2014, total VOC emission on the Airbus Broughton site reduced by 1.4%, normalised, (a reduction of 1.03% in absolute terms), compared to 2013 data. This equates to 2.65 tonnes of VOC.

Explanation – The figures above include the consumption of gun-wash solvent. If this is excluded then it can be seen that the engineering projects to reduce VOC emission actually resulted in an 8.21% reduction, normalised (7.86% in absolute terms). This equates to 18.67 tonnes of VOC. Unfortunately a substantial increase in gun-wash consumption in the same period masked these achievements.

The increase in gun-wash consumption can be attributed to the failure of a solvent reclamation unit during 2014. It should be noted that gun-wash waste removed from site is recycled. Gun-wash will be targeted as an area for improvement during 2015.

Reduce water consumption on Broughton site by 1.25%, based on 2013 data.

- During 2014, total water consumption on the Airbus Broughton site increased 13.14%, normalised, (an increase of 13.56% in absolute terms), compared to 2013 data. This equates to 15507.61 m3 of water.

Explanation – *The increase in water consumption is believed to be mainly due to a significant leak which was discovered in the sprinkler hydrant ring main during October 2014.*

2015 Environmental Targets

During 2015, as in previous years, each business unit will have an Environmental Management Programme (EMP) with specific projects to reduce the environmental impact of Airbus Broughton activities. These programmes are a requirement of every Airbus site as part of the Airbus Global Certification to ISO14001.

In 2015 Airbus will continue working to achieve the following environmental targets as part of a 2020 roadmap:

- No increase in waste produced (but non-recycled waste to be reduced by 0.9% per year)
- Reduce CO2 emissions by 3.5% per year
- Achieve a 50% reduction in VOC emissions by 2020, based on a 2006 baseline.
- Reduce water consumption by 1.25% per year

Should you have any further questions please do not hesitate to contact me.

Yours sincerely,



Andy Denton
Environment Officer
Airbus Operations, Broughton
Tel: 01244 524252

