

Permit Number: KP3195FW

Operator:

Sims Group UK Limited

Facility:

Northside, South Dock

Form Number:

Air1 / 01/04/16

# Reporting of emissions to air for the period from 01/05/2016 to 31/05/2016

| Emission Point                         | Substance / Parameter | Limit Value                            | Reference Period | Result <sup>[1]</sup> | Test Method <sup>[2]</sup> | Sample Date and Times <sup>[3]</sup> | Uncertainty <sup>[4]</sup> |
|----------------------------------------|-----------------------|----------------------------------------|------------------|-----------------------|----------------------------|--------------------------------------|----------------------------|
| 3 [Point 3 on site plan in Schedule 7] | CFC                   | <100 units 5g per hour                 | Monthly          |                       |                            |                                      |                            |
|                                        |                       | >100 units but <200 units 10g per hour |                  |                       |                            |                                      |                            |
|                                        |                       | >200 units but <300 units 15g per hour |                  |                       |                            |                                      |                            |
|                                        |                       | >300 units but <400 units 20g per hour |                  |                       |                            |                                      |                            |
|                                        |                       | >400 units 30g per hour                |                  |                       |                            |                                      |                            |
|                                        |                       | Plant 1                                |                  | 31.7g/hr              | GCMS                       | 19/5/16                              |                            |
|                                        |                       |                                        |                  |                       |                            |                                      |                            |
|                                        |                       |                                        |                  |                       |                            |                                      |                            |
|                                        |                       |                                        |                  |                       |                            |                                      |                            |
|                                        |                       |                                        |                  |                       |                            |                                      |                            |

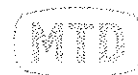
- [1] The result given is the maximum value (or the minimum value in the case of a limit that is expressed as a minimum) obtained during the reporting period, expressed in the same terms as the emission limit value. Where the emission limit value is expressed as a range, the result is given as the 'minimum – maximum' measured values.
- [2] Where an internationally recognised standard test method is used the reference number is given. Where another method that has been formally agreed with Natural Resources Wales is used, then the appropriate identifier is given. In other cases the principal technique is stated, for example gas chromatography.
- [3] For non-continuous measurements the date and time of the sample that produced the result is given. For continuous measurements the percentage of the process operating time covered by the result is given.
- [4] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Tony Hiles

Signed .....  
(Authorised to sign as representative of Operator)

Date..... 20/7/16

SimsMetal UK Limited  
Northside  
South Dock  
Alexandra Dock  
Newport  
Gwent  
NP20 2WE



**MINTON, TREHARNE  
& DAVIES LIMITED**

Consulting Scientists, Mariners & Engineers  
Analytical & Testing Laboratories

## **Certificate of Analysis**

**Report Number: 16-16187**

**Issue: 1**

Report Date: 27 May 2016  
Order Number:  
Job ID: May Analysis Plant 1  
Date Received: 19/05/2016

Dear Tony Hiles

Please find attached the results for the sample(s) described above.

Results authorised by:

A handwritten signature in black ink, appearing to read 'A Low'.

Alastair Low  
BSc(Hons), MSc., MChemA., CChem., MRSC  
Public Analyst

---

Minton, Treharne & Davies Ltd  
Merton House  
Croescadarn Close  
Pentwyn  
Cardiff  
CF23 8HF

Tel: +44 (0) 29 2054 0000  
Fax: +44 (0) 29 2054 0111

Email: mtd@minton.co.uk



Report number: 16-16187

Issue: 1

Date received: 19/05/2016

| Lab. Reference No. | Sample Id    | Date of sampling |
|--------------------|--------------|------------------|
| 44170              | Plant 1 Foam | 19/05/2016       |

| Determination | Result | Units | Method No |
|---------------|--------|-------|-----------|
| CFCs          | < 10   | mg/kg | GCMS      |

| Lab. Reference No. | Sample Id       | Date of sampling |
|--------------------|-----------------|------------------|
| 44171              | Plant 1 Plastic | 19/05/2016       |

| Determination | Result | Units | Method No  |
|---------------|--------|-------|------------|
| Foam Content  | < 1.0  | % w/w | Gravimetry |

*Comments:**8.7g approx. of metal was present in a total weight of 410.3g. No correction of the reported foam was necessary.*

| Lab. Reference No. | Sample Id     | Date of sampling |
|--------------------|---------------|------------------|
| 44172              | Plant 1 Steel | 19/05/2016       |

| Determination | Result | Units | Method No  |
|---------------|--------|-------|------------|
| Foam Content  | < 0.5  | % w/w | Gravimetry |

| Lab. Reference No. | Sample Id       | Date of sampling |
|--------------------|-----------------|------------------|
| 44173              | Comp Oil Sample | 19/05/2016       |

| Determination | Result | Units | Method No |
|---------------|--------|-------|-----------|
| CFCs          | 2045   | mg/kg | GCMS      |

| Lab. Reference No. | Sample Id                 | Date of sampling |
|--------------------|---------------------------|------------------|
| 44174              | Emmissions Sample Plant 1 | 19/05/2016       |

| Determination | Result | Units             | Method No |
|---------------|--------|-------------------|-----------|
| CFCs          | 635    | mg/m <sup>3</sup> | GCMS      |