

Permit Reference Number : SP3239FU

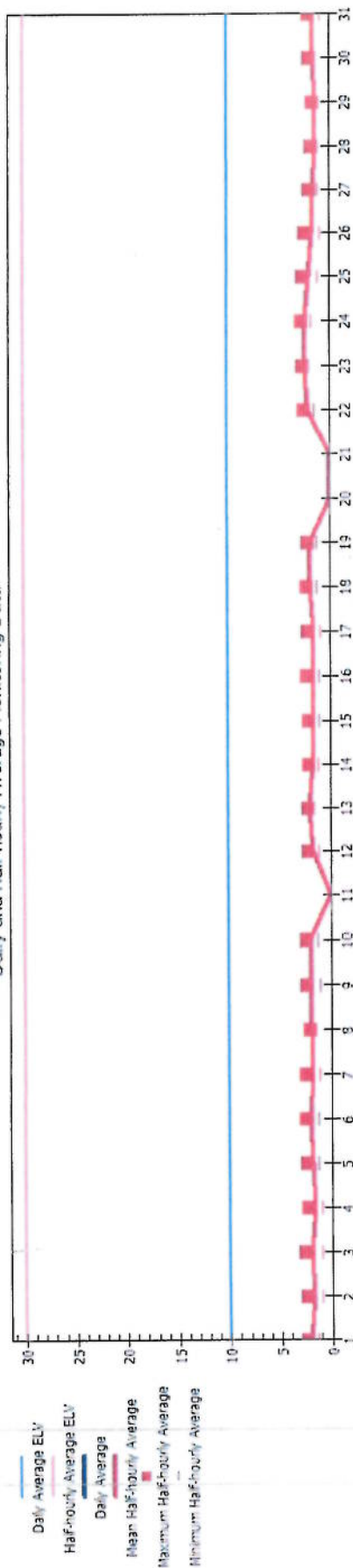
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for Dust mg/m<sup>3</sup> at Emission Point A1 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                        |                       | Monthly summary |                         | Date |    |    |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |    |   |
|------------------------|-----------------------|-----------------|-------------------------|------|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|---|
|                        |                       |                 |                         | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9   | 10  | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20  | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |    |   |
| Half-hourly<br>average |                       |                 | Half-hourly average ELV |      |    |    |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |    |   |
|                        | Monthly maximum       | 3               | 2                       | 2    | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2   | 2   | Off | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2   | Off | Off | 3  | 3  | 3  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |    |   |
|                        | Monthly mean          | 2               | 2                       | 2    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2   | Off | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 2  | Off | Off | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 1  | 1  | 2  | 2  |    |   |
|                        | Monthly minimum       | 1               | 1                       | 1    | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 1   | Off | 1   | 2  | 1  | 1  | 1  | 1  | 1  | 1  | 1   | Off | Off | 2  | 2  | 2  | 2  | 2  | 2  | 1  | 1  | 1  | 1  | 1  |   |
|                        | Total Invalid results | 0               | 0                       | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
|                        | Sum of exceedances    | 0               | 0                       | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 |
| Daily<br>average       |                       |                 | 10                      | 10   | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10  | 10  | 10  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10  | 10  | 10  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
|                        | Monthly maximum       | 2               | 2                       | 2    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | Off | 2   | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 2  | Off | Off | 2   | 2  | 2  | 2  | 2  | 2  | 2  | 1  | 1  | 2  | 2  | 2  |   |
|                        | No of invalid days    | 0               | Y                       | Y    | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y   | Y   | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y   | Y   | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |   |
|                        | Sum of exceedances    | 0               | N                       | N    | N  | N  | N  | N  | N  | N  | N  | N   | N   | N   | N  | N  | N  | N  | N  | N  | N  | N   | N   | N   | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N |

Signed..... Date.....

(Authorised to sign as a representative of the Operator)

27 JAN 2017

Permit Reference Number : SP3239FU

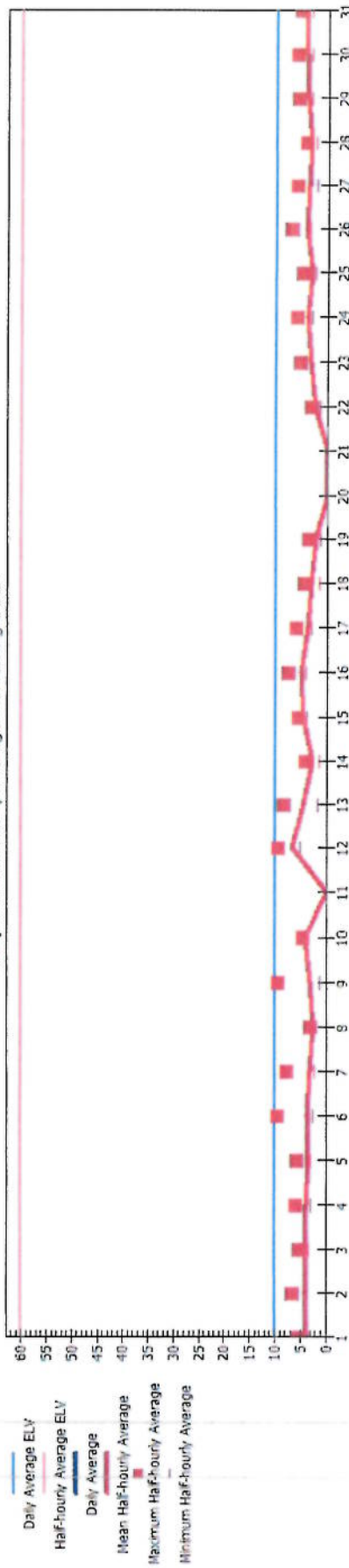
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for HCl mg/m3 at Emission Point A1 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     |                       | Monthly summary |  | Date                        |                    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10  | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20  | 21  | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|---------------------|-----------------------|-----------------|--|-----------------------------|--------------------|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| Half-hourly average |                       |                 |  | Half-hourly average ELV     |                    | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60  | 60  | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60  | 60  | 60  | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |    |
|                     | Monthly maximum       | 9               |  | Maximum Half-hourly average |                    | 5  | 6  | 5  | 6  | 6  | 9  | 7  | 3  | 9  | 5   | Off | 9  | 8  | 4  | 5  | 7  | 6  | 4  | 3   | Off | Off | 3  | 5  | 6  | 5  | 7  | 6  | 4  | 6  | 6  | 5  |
|                     | Monthly mean          | 4               |  | Mean Half-hourly average    |                    | 4  | 4  | 4  | 4  | 3  | 4  | 3  | 3  | 3  | 4   | Off | 7  | 4  | 3  | 5  | 5  | 4  | 3  | 2   | Off | Off | 2  | 3  | 4  | 3  | 4  | 4  | 3  | 4  | 4  | 4  |
|                     | Monthly minimum       | 1               |  | Minimum Half-hourly average |                    | 3  | 4  | 3  | 3  | 3  | 2  | 2  | 2  | 1  | 4   | Off | 5  | 2  | 2  | 4  | 4  | 3  | 2  | 1   | Off | Off | 1  | 3  | 3  | 2  | 3  | 2  | 2  | 3  | 3  | 3  |
|                     | Total Invalid results | 0               |  | No of Invalid results       |                    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Daily average       |                       |                 |  | No of exceedances of ELV    |                    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     |                       |                 |  | Daily average ELV           |                    | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10  | 10  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10  | 10  | 10  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|                     | Monthly maximum       | 7               |  | Daily average               |                    | 4  | 4  | 4  | 4  | 3  | 4  | 3  | 3  | 3  | 4   | Off | 7  | 4  | 3  | 5  | 5  | 4  | 3  | 2   | Off | Off | 2  | 3  | 4  | 3  | 4  | 4  | 3  | 4  | 4  | 4  |
|                     | No of invalid days    | 0               |  | Value Valid?                |                    | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y   | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y   | Y   | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |
|                     |                       |                 |  |                             | Value Exceeds ELV? |    | N  | N  | N  | N  | N  | N  | N  | N  | N   | N   | N  | N  | N  | N  | N  | N  | N  | N   | N   | N   | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

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Date.....



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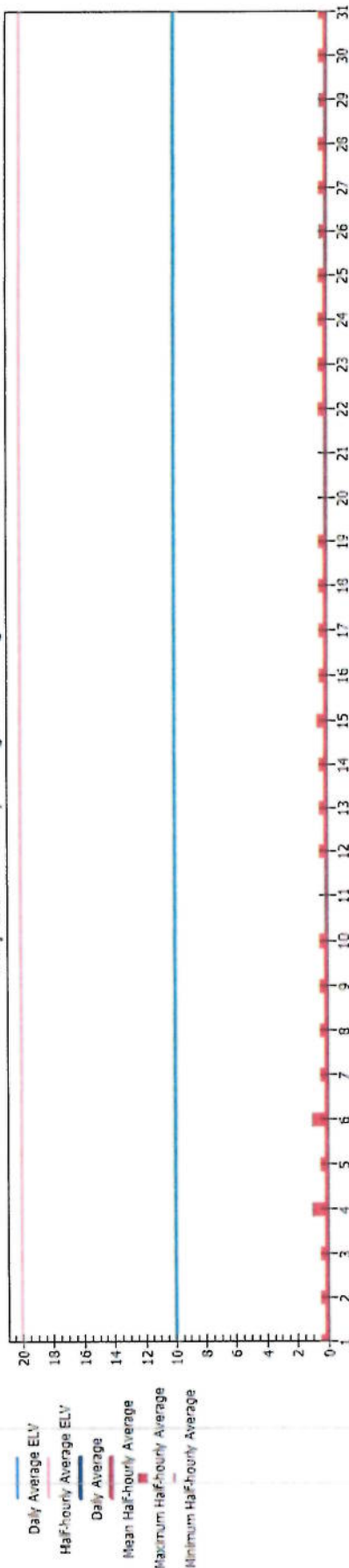
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for TOC mg/m<sup>3</sup> at Emission Point A1 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    |   |   |   |   |   |   |   |   |     |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|-------------------------|---|---|---|---|---|---|---|---|-----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10  | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19  | 20  | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|                     |                       | Half-hourly average ELV |   |   |   |   |   |   |   |   |     |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |
| Half-hourly average | Monthly maximum       | 0                       | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Monthly mean          | 0                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Monthly minimum       | 0                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Total Invalid results | 0                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Sum of exceedances    | 0                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     |                       | Daily average ELV       |   |   |   |   |   |   |   |   |     |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |
| Daily average       | Monthly maximum       | 0                       | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | No of invalid days    | 0                       | Y | Y | Y | Y | Y | Y | Y | Y | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y   | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |
|                     | Sum of exceedances    | 0                       | N | N | N | N | N | N | N | N | N   | N  | N  | N  | N  | N  | N  | N  | N  | N   | N   | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

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Date:.....

27 JAN 2017

Permit Reference Number : SP3239FU

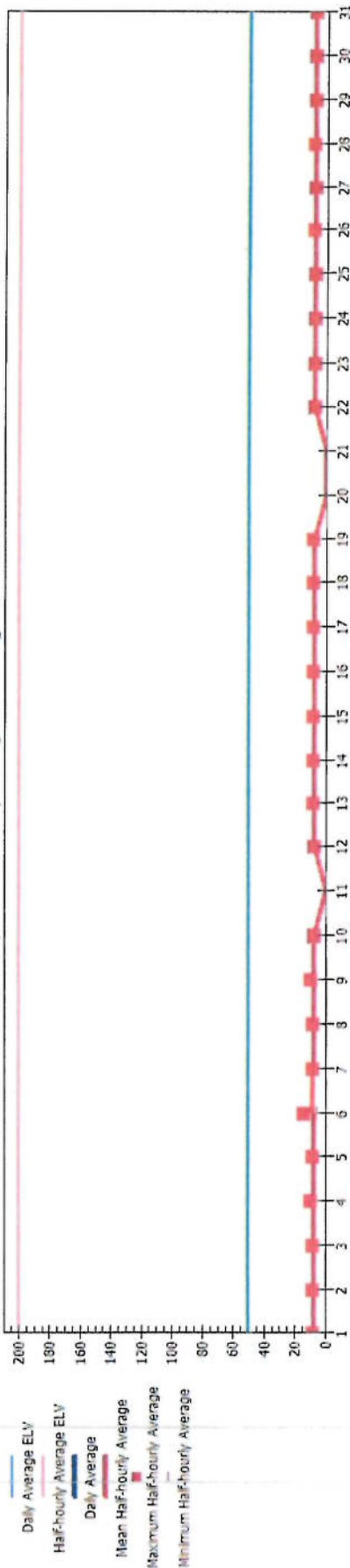
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for SO<sub>2</sub> mg/m<sup>3</sup> at Emission Point A1 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |                           | Date |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |   |
|---------------------|-----------------------|---------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|---|
|                     |                       |                           |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |    |   |
| Half-hourly average |                       | Half-hourly average ELV   | 200  | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |    |   |
|                     | Monthly maximum       | 13                        | 7    | 7   | 7   | 9   | 7   | 13  | 8   | 7   | 9   | 7   | Off | 7   | 7   | 8   | 8   | 8   | 7   | 7   | Off | 7   | Off | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7  |   |
|                     | Monthly mean          | 7                         | 7    | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | Off | 7   | 7   | 7   | 7   | 7   | 7   | 7   | Off | 7   | Off | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7  |   |
|                     | Monthly minimum       | 5                         | 7    | 6   | 7   | 7   | 6   | 7   | 7   | 6   | 7   | 5   | 7   | Off | 5   | 5   | 7   | 7   | 7   | 7   | Off | 6   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7  | 7 |
|                     | Total Invalid results | 0                         |      | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0 |
| Daily average       |                       | Sum of exceedances of ELV | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | Off | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | Off | 0   | Off | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0  | 0 |
|                     |                       | Daily average ELV         | 50   | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50 |   |
|                     | Monthly maximum       | 7                         | 7    | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | Off | 7   | 7   | 7   | 7   | 7   | 7   | 7   | Off | 7   | Off | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7  | 7 |
|                     | No of invalid days    | 0                         | Y    | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y  |   |
|                     |                       | Sum of exceedances        | 0    | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N  | N |

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Permit Reference Number : SP3239FU

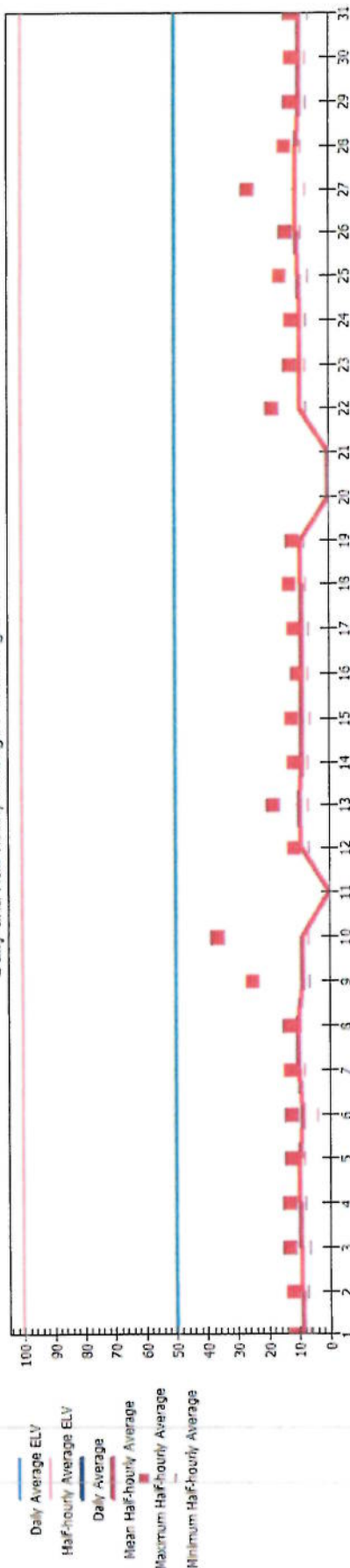
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A1 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|-----------------------|-------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                     |                       | Half-hourly average ELV |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Half-hourly average | Monthly maximum       | 36                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly mean          | 9                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly minimum       | 4                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Total Invalid results | 0                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Sum of exceedances    | 0                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |                       | Daily average ELV       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily average       | Monthly maximum       | 11                      |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | No of invalid days    | 0                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Sum of exceedances    | 0                       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Signed.....

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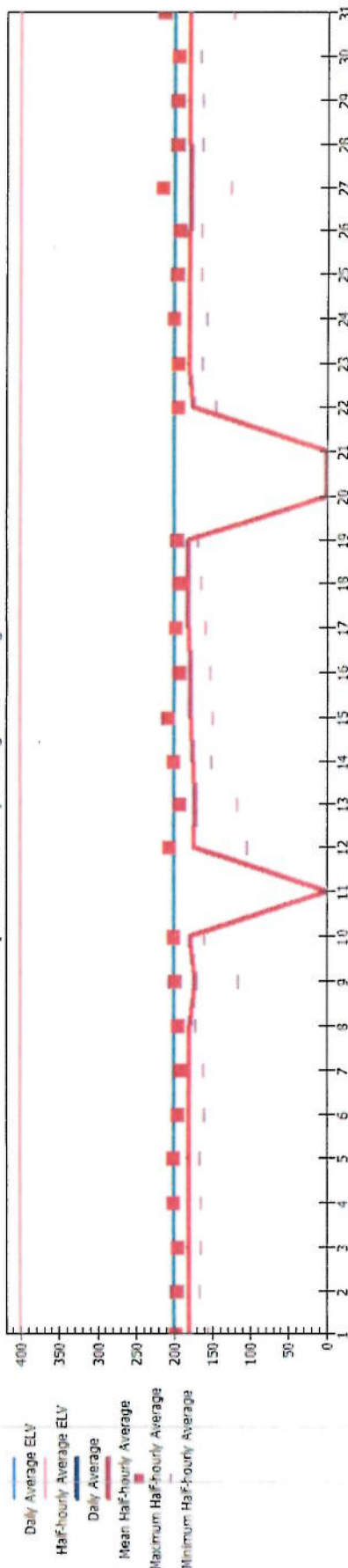
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for NOx mg/m3 at Emission Point A1 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |     | Date |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------------|-----------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |                       |     | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |     |
| Half-hourly average |                       |     | 400  | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
|                     | Monthly maximum       | 214 | 196  | 195 | 194 | 200 | 200 | 194 | 191 | 194 | 198 | 200 | Off | 206 | 192 | 199 | 207 | 192 | 197 | 192 | 196 | Off | Off | 194 | 194 | 200 | 196 | 192 | 214 | 195 | 196 | 194 | 214 |     |
|                     | Monthly mean          | 179 | 180  | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 173 | 180 | Off | 175 | 172 | 175 | 178 | 177 | 181 | 180 | 180 | Off | Off | 175 | 180 | 180 | 180 | 180 | 180 | 178 | 180 | 180 | 179 | 180 |
|                     | Monthly minimum       | 104 | 155  | 167 | 165 | 164 | 165 | 160 | 162 | 171 | 116 | 161 | Off | 104 | 118 | 152 | 150 | 153 | 159 | 165 | 170 | Off | Off | 145 | 163 | 157 | 165 | 164 | 126 | 163 | 163 | 165 | 124 |     |
|                     | Total Invalid results | 0   | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |
| Daily average       |                       |     | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | Off | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | Off | Off | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |
|                     | Sum of exceedances    | 0   | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |     |
|                     |                       |     | 200  | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |     |
|                     | Monthly maximum       | 181 | 180  | 180 | 180 | 180 | 180 | 180 | 180 | 173 | 180 | Off | 175 | 172 | 175 | 178 | 177 | 181 | 180 | 180 | Off | Off | 175 | 180 | 180 | 180 | 180 | 180 | 180 | 178 | 180 | 180 | 179 | 180 |
|                     | No of invalid days    | 0   | Y    | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |
|                     |                       |     | N    | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |     |

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Date.....



Permit Reference Number : SP3239FU

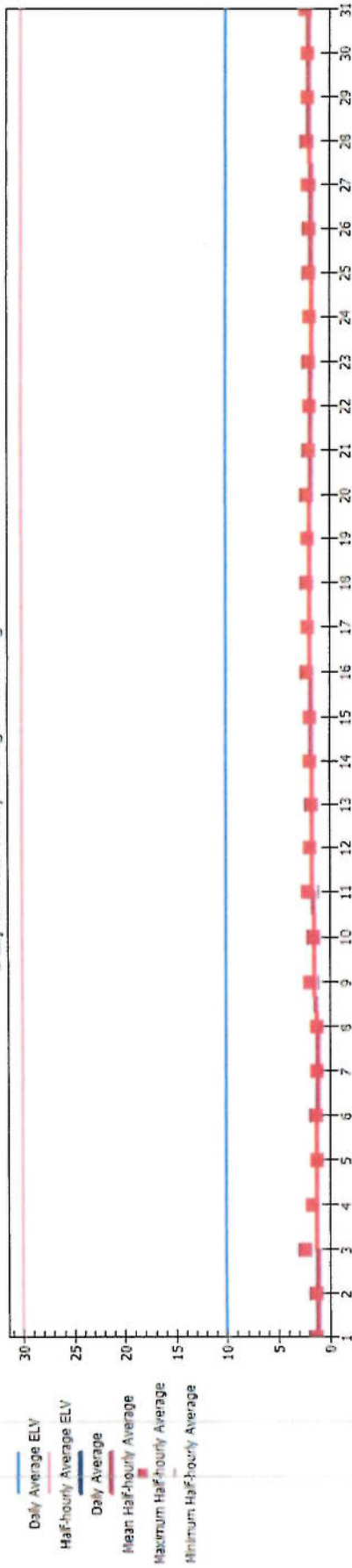
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for Dust mg/m3 at Emission Point A2 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |   | Date                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|---------------------|-----------------------|---|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|
|                     |                       |   |                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
| Half-hourly average |                       |   | Half-hourly average ELV |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |   |
|                     | Monthly maximum       | 2 | 1                       | 1  | 2  | 1  | 1  | 1  | 1  | 2  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |   |
|                     | Monthly mean          | 2 | 1                       | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |   |
|                     | Monthly minimum       | 1 | 1                       | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |   |
|                     | Total Invalid results | 0 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
| Daily average       | Sum of exceedances    | 0 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |   |
|                     |                       |   | 10                      | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |   |
|                     | Monthly maximum       | 2 | 1                       | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 1  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  |   |
|                     | No of invalid days    | 0 | Y                       | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |   |
|                     | Sum of exceedances    | 0 | N                       | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N |

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(Authorised to sign as a representative of the Operator)

Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

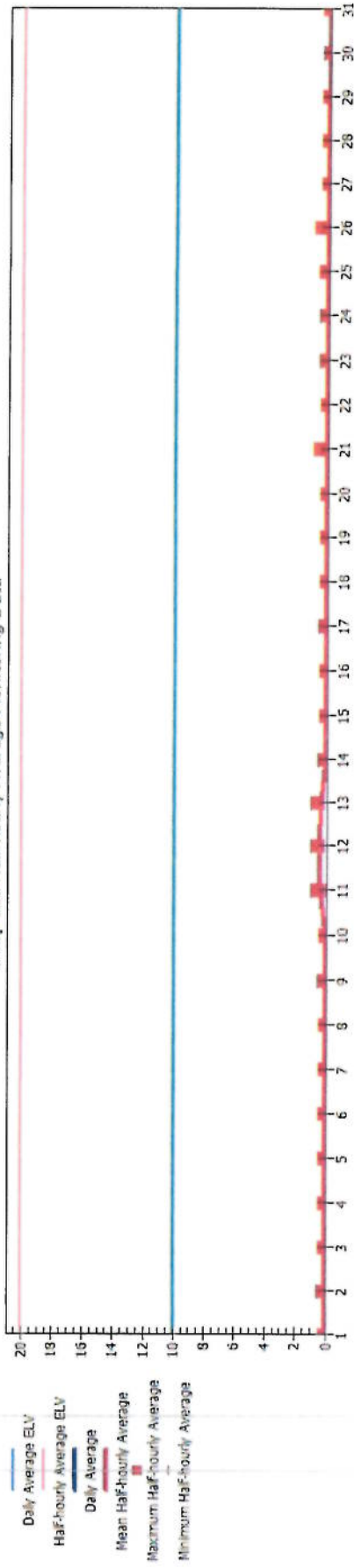
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for TOC mg/m<sup>3</sup> at Emission Point A2 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       | 1                       | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Half-hourly average |                       | Half-hourly average ELV |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Monthly mean          | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 1  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Monthly minimum       | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Total Invalid results | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Daily average       | Sum of exceedances    | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     |                       | Daily average ELV       |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 1                       | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|                     | No of invalid days    | 0                       | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |
|                     | Sum of exceedances    | 0                       | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

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Date.....



Permit Reference Number : SP3239FU

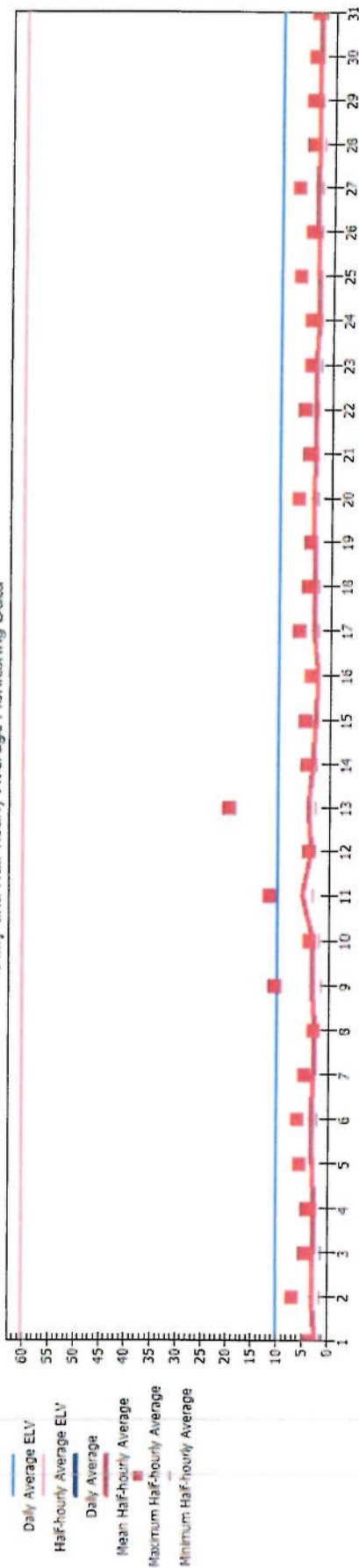
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for HCl mg/m3 at Emission Point A2 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |    | Date                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|-----------------------|----|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                     |                       |    |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Half-hourly average |                       |    | Half-hourly average ELV     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly maximum       | 20 | Maximum Half-hourly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly mean          | 3  | Mean Half-hourly average    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly minimum       | 1  | Minimum Half-hourly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Total Invalid results | 0  | No of Invalid results       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Sum of exceedances    | 0  | No of exceedances of ELV    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily average       |                       |    | Daily average ELV           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly maximum       | 5  | Daily average               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | No of invalid days    | 0  | Value Valid?                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Sum of exceedances-   | 0  | Value Exceeds ELV?          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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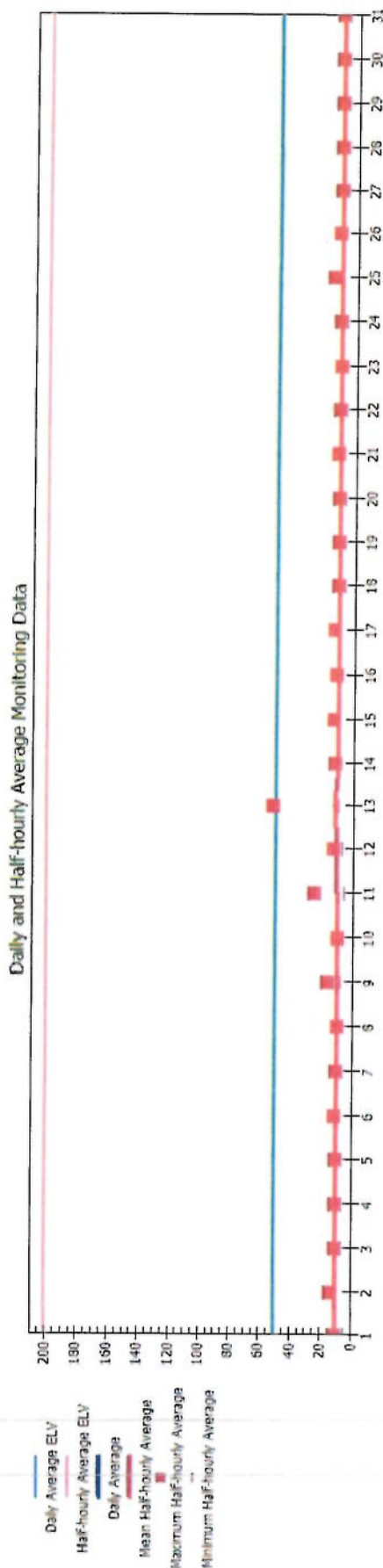
Date

27 JAN 2017

Permit Reference Number : SP3239FU  
Installation: Knottingley

Operator : Ferrybridge MFE Limited  
Form Number:

## Reporting of Continuously Monitored Emissions to Air for SO<sub>2</sub> mg/m<sup>3</sup> at Emission Point A2 For the month of October 2016



|                     | Monthly summary       |    | Date                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|----|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       |    | 1                       | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Half-hourly average |                       |    | Half-hourly average ELV |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 52 | 10                      | 13 | 10 | 10 | 10 | 11 | 10 | 9  | 16 | 9  | 25 | 12 | 52 | 11 | 12 | 10 | 12 | 10 | 10 | 10 | 11 | 10 | 9  | 10 | 14 | 10 | 10 | 10 | 10 | 10 | 10 |
|                     | Monthly mean          | 9  | 9                       | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 9  | 10 | 9  | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
|                     | Monthly minimum       | 6  | 9                       | 9  | 8  | 9  | 8  | 8  | 9  | 9  | 8  | 8  | 6  | 7  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 9  | 9  | 8  | 8  | 9  | 9  | 8  | 9  | 9  | 9  | 9  |
|                     | Total Invalid results | 0  | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Sum of exceedances    | 0  | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Daily average       |                       |    | 50                      | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
|                     | Monthly maximum       | 11 | 9                       | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 10 | 10 | 11 | 9  | 10 | 9  | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  |
|                     | No of invalid days    | 0  | Y                       | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |
|                     | Sum of exceedances    | 0  | N                       | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

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Date: .....



Permit Reference Number : SP3239FU

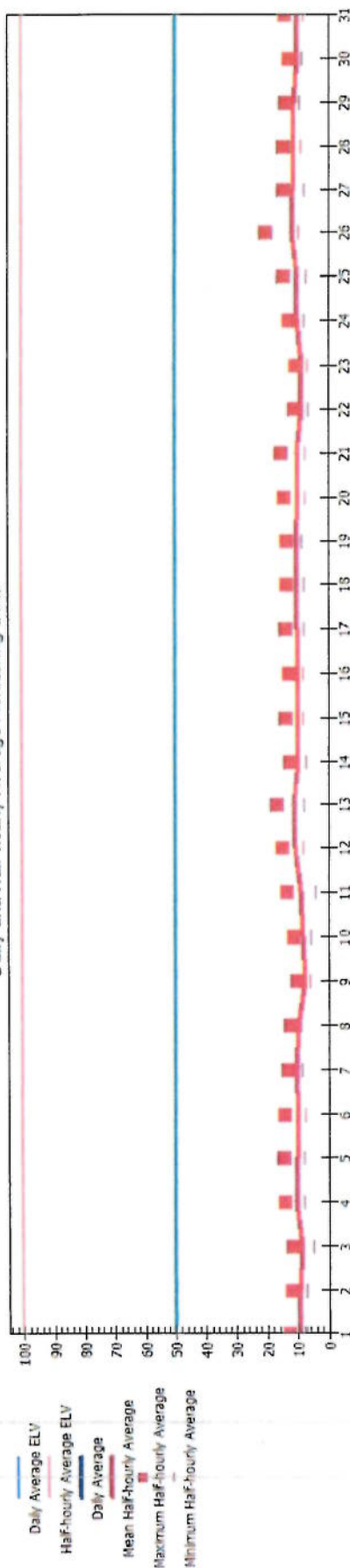
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m<sup>3</sup> at Emission Point A2 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |    | Date                        |  | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |     |
|---------------------|-----------------------|----|-----------------------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Half-hourly average |                       |    | Half-hourly average ELV     |  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                     | Monthly maximum       | 20 | Maximum Half-hourly average |  | 13  | 12  | 12  | 14  | 14  | 14  | 13  | 12  | 10  | 11  | 13  | 15  | 17  | 12  | 14  | 12  | 14  | 13  | 13  | 14  | 15  | 11  | 10  | 12  | 14  | 20  | 14  | 15  | 14  | 12  | 14  |     |
|                     | Monthly mean          | 10 | Mean Half-hourly average    |  | 10  | 9   | 9   | 11  | 10  | 10  | 10  | 8   | 8   | 9   | 11  | 11  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 8   | 9   | 10  | 10  | 12  | 12  | 11  | 11  | 10  | 10  |     |
|                     | Monthly minimum       | 4  | Minimum Half-hourly average |  | 7   | 7   | 5   | 8   | 8   | 8   | 9   | 9   | 6   | 6   | 4   | 8   | 8   | 7   | 8   | 8   | 8   | 8   | 9   | 8   | 7   | 6   | 7   | 8   | 7   | 10  | 8   | 9   | 9   | 9   | 8   |     |
|                     | Total Invalid results | 0  | No of Invalid results       |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Daily average       |                       |    | No of exceedances of ELV    |  | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                     |                       |    | Daily average ELV           |  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  |     |
|                     | Monthly maximum       | 12 | Daily average               |  | 10  | 9   | 9   | 11  | 10  | 10  | 10  | 8   | 8   | 9   | 11  | 11  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 10  | 8   | 9   | 10  | 10  | 12  | 11  | 11  | 10  | 10  | 10  |     |
|                     | No of invalid days    | 0  | Value Valid?                |  | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |
|                     |                       |    | Sum of exceedances ELV?     |  | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

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(Authorised to sign as a representative of the Operator)

Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

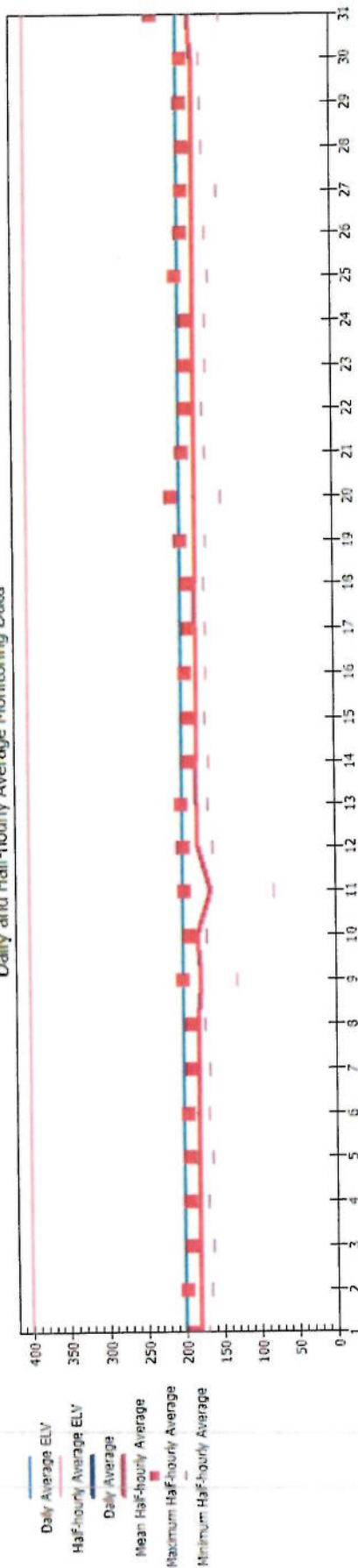
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for NOx mg/m3 at Emission Point A2 For the month of October 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |                           | Date |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------------|-----------------------|---------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |                       |                           | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |     |
| Half-hourly average |                       | Half-hourly average ELV   | 400  | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |
|                     | Monthly maximum       | 233                       | 191  | 196 | 191 | 192 | 193 | 194 | 190 | 190 | 199 | 191 | 196 | 198 | 199 | 191 | 190 | 194 | 190 | 191 | 199 | 210 | 195 | 191 | 191 | 189 | 203 | 195 | 194 | 193 | 195 | 195 | 233 |     |
|                     | Monthly mean          | 179                       | 180  | 180 | 180 | 180 | 180 | 180 | 180 | 181 | 177 | 180 | 163 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 179 | 180 | 180 | 180 | 185 |
|                     | Monthly minimum       | 79                        | 170  | 166 | 164 | 169 | 163 | 167 | 166 | 172 | 130 | 168 | 79  | 160 | 167 | 165 | 170 | 167 | 167 | 169 | 166 | 146 | 166 | 169 | 165 | 165 | 161 | 165 | 148 | 167 | 170 | 170 | 144 |     |
|                     | Total Invalid results | 0                         | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Daily average       |                       | Sum of exceedances of ELV | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                     |                       | Daily average ELV         | 200  | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
|                     | Monthly maximum       | 185                       | 180  | 180 | 180 | 180 | 180 | 180 | 180 | 181 | 177 | 180 | 163 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 179 | 180 | 180 | 180 | 185 |     |
|                     | No of invalid days    | 0                         | Y    | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |
|                     | Sum of exceedances    | 0                         | N    | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

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

Date.....



Permit Reference Number : SP3239FU

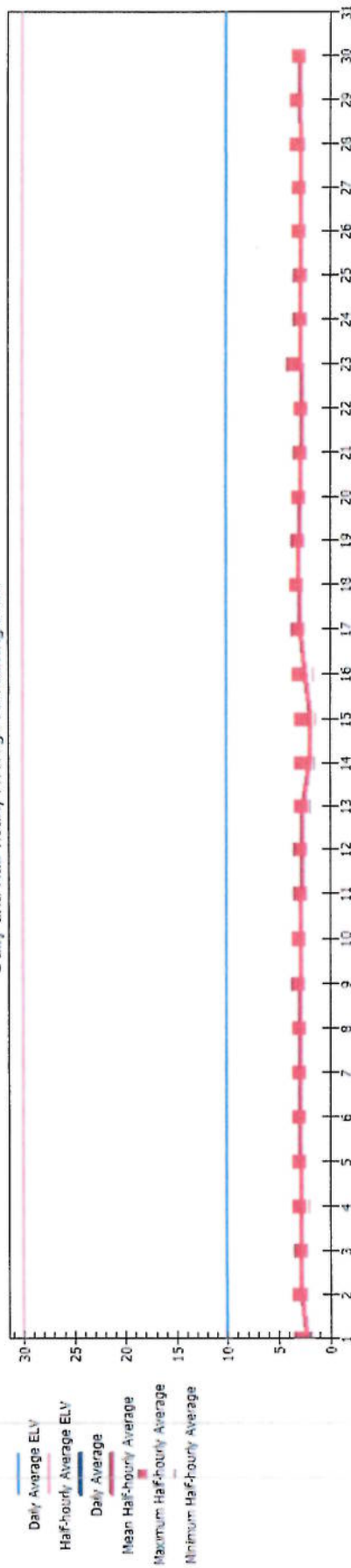
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for Dust mg/m3 at Emission Point A1 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    | 1  | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |    |
|---------------------|-----------------------|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       | Half-hourly average ELV | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |    |
| Half-hourly average | Monthly maximum       | 3                       | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
|                     | Monthly mean          | 3                       | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
|                     | Monthly minimum       | 1                       | 2  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 1  | 1  | 2  | 2  | 3  | 3  | 2  | 3  | 2  | 3  | 3  | 3  | 3  | 3  | 2  | 3  | 3  | 3  |    |
|                     | Total Invalid results | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Sum of exceedances    | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     |                       | Daily average ELV       | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Daily average       | Monthly maximum       | 3                       | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 2  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  |    |
|                     | No of invalid days    | 0                       | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |
|                     | Sum of exceedances    | 0                       | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

Signed..... Date: 27 JAN 2017

(Authorised to sign as a representative of the Operator)

Permit Reference Number : SP3239FU

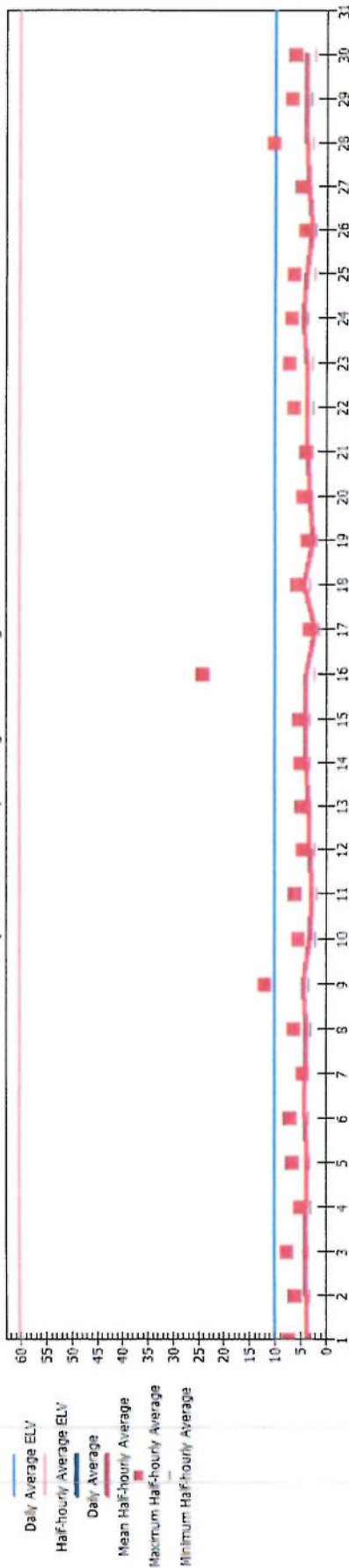
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for HCl mg/m<sup>3</sup> at Emission Point A1 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |    | Date                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|---------------------|-----------------------|----|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                     |                       |    |                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Half-hourly average |                       |    | Half-hourly average ELV |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly maximum       | 24 | 7                       | 6  | 8  | 5  | 6  | 7  | 5  | 6  | 12 | 5  | 6  | 4  | 5  | 5  | 5  | 24 | 3  | 6  | 4  | 5  | 4  | 6  | 7  | 7  | 6  | 4  | 5  | 10 | 7  | 6  |  |
|                     | Monthly mean          | 4  | 4                       | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 3  | 4  | 4  | 4  | 2  | 4  | 3  | 3  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 4  | 4  | 4  |  |
|                     | Monthly minimum       | 1  | 3                       | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | 3  | 3  | 3  | 3  | 2  | 1  | 3  | 2  | 3  | 3  | 3  | 3  | 4  | 2  | 2  | 3  | 3  | 3  | 2  |  |
|                     | Total Invalid results | 0  | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |  |
|                     | Sum of exceedances    | 0  | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |  |
| Daily average       |                       |    | 10                      | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |  |
|                     | Monthly maximum       | 4  | 4                       | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 4  | 3  | 3  | 3  | 4  | 4  | 4  | 4  | 2  | 4  | 3  | 4  | 3  | 4  | 4  | 4  | 4  | 3  | 4  | 4  | 4  | 4  |  |
|                     | No of invalid days    | 0  | Y                       | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |  |
|                     | Sum of exceedances    | 0  | N                       | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |  |
|                     | Value Exceeds ELV?    |    |                         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

Signed.....

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Date.....



Permit Reference Number : SP3239FU

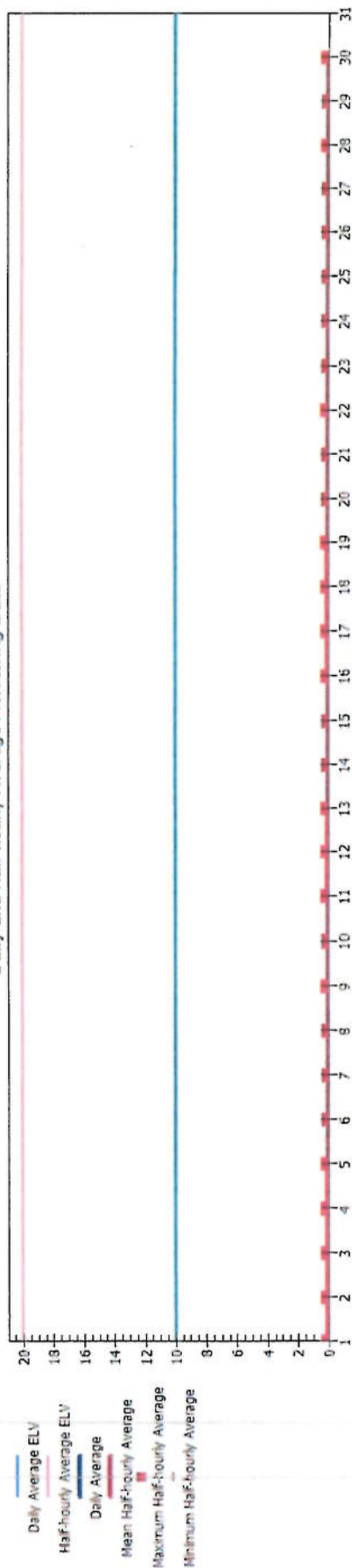
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for TOC mg/m<sup>3</sup> at Emission Point A1 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |   | Date                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|---|-----------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       |   | 1                           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Half-hourly average |                       |   | Half-hourly average ELV     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 0 | Maximum Half-hourly average |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly mean          | 0 | Mean Half-hourly average    |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly minimum       | 0 | Minimum Half-hourly average |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Total Invalid results | 0 | No of Invalid results       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Sum of exceedances    | 0 | No of exceedances of ELV    |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     |                       |   | Daily average ELV           |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 0 | Daily average               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | No of invalid days    | 0 | Value Valid?                |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Sum of exceedances    | 0 | Value Exceeds ELV?          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Signed..... Date: 27 JAN 2017

(Authorised to sign as a representative of the Operator)

Permit Reference Number : SP3239FU

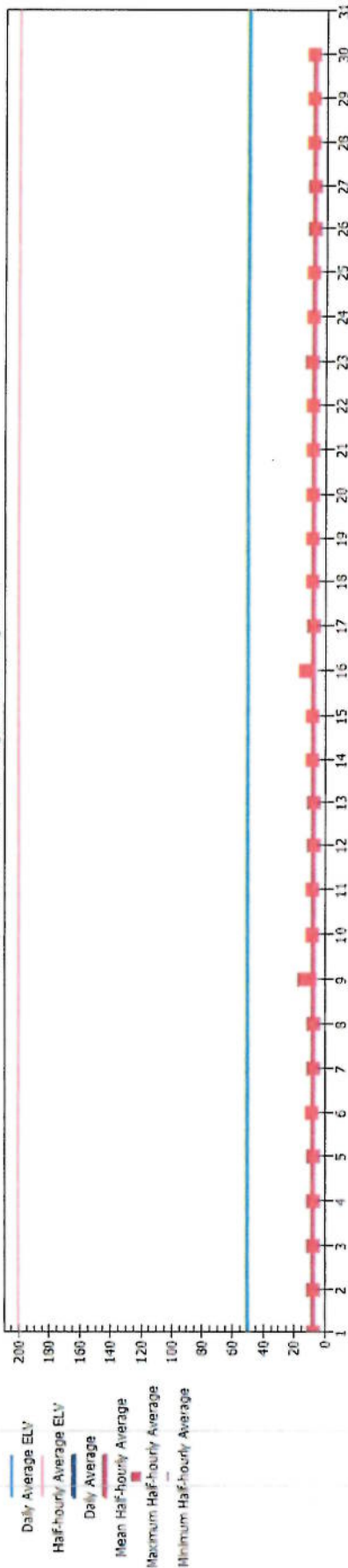
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for SO<sub>2</sub> mg/m<sup>3</sup> at Emission Point A1 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                        | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |
|---------------------|-----------------------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |                       |                             | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| Half-hourly average | Monthly maximum       | Half-hourly average ELV     | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
|                     | Monthly mean          | Maximum Half-hourly average | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
|                     | Monthly minimum       | Mean Half-hourly average    | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
|                     | Total Invalid results | Minimum Half-hourly average | 6   | 7   | 7   | 6   | 7   | 7   | 7   | 7   | 5   | 6   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 6   | 7   | 7   | 7   |
|                     | Sum of exceedances    | No of Invalid results       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Daily average       | Monthly maximum       | No of exceedances of ELV    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                     | No of invalid days    | Daily average ELV           | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  |
|                     | Sum of exceedances    | Daily average               | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   | 7   |
|                     |                       | Value Valid?                | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |
|                     | Sum of exceedances    | Value Exceeds ELV?          | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

Signed.....

(Authorised to sign as a representative of the Operator)

Date.....



Permit Reference Number : SP3239FU

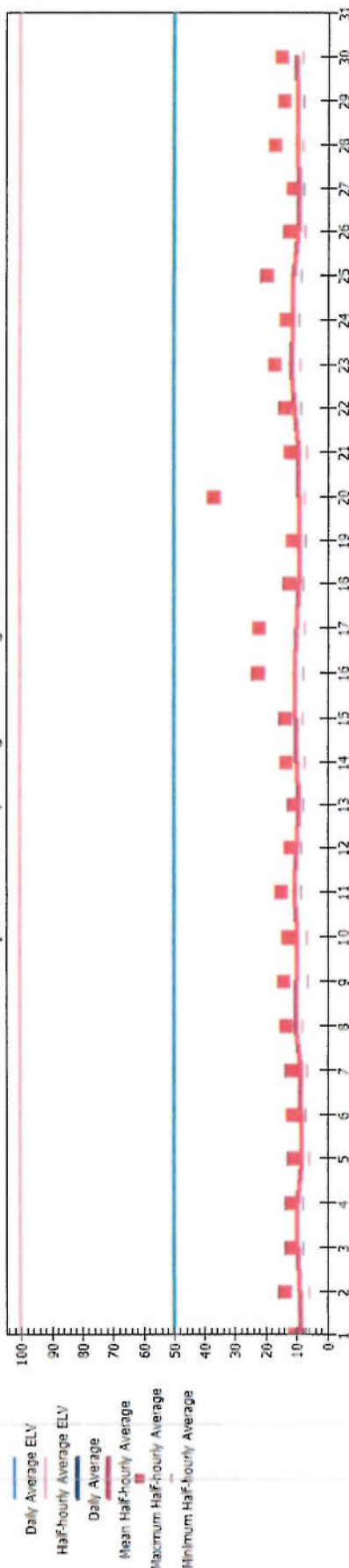
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m<sup>3</sup> at Emission Point A1 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |                         | Date |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------------|-----------------------|-------------------------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |                       |                         | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |     |
| Half-hourly average |                       | Half-hourly average ELV | 100  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                     | Monthly maximum       | 37                      | 10   | 14  | 11  | 12  | 11  | 11  | 12  | 13  | 14  | 12  | 15  | 12  | 11  | 13  | 14  | 23  | 22  | 12  | 11  | 37  | 12  | 14  | 17  | 13  | 20  | 12  | 11  | 17  | 14  | 15  |     |     |
|                     | Monthly mean          | 10                      | 9    | 9   | 10  | 10  | 8   | 9   | 9   | 10  | 10  | 10  | 11  | 10  | 9   | 10  | 10  | 11  | 10  | 9   | 9   | 9   | 9   | 11  | 12  | 11  | 11  | 10  | 9   | 10  | 10  | 11  |     |     |
|                     | Monthly minimum       | 6                       | 7    | 6   | 8   | 6   | 7   | 7   | 8   | 6   | 7   | 9   | 8   | 7   | 8   | 8   | 7   | 8   | 8   | 8   | 7   | 7   | 7   | 8   | 9   | 9   | 9   | 8   | 8   | 8   | 8   | 8   |     |     |
|                     | Total Invalid results | 0                       | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |
| Daily average       | Sum of exceedances    | 0                       | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |
|                     |                       | Daily average ELV       | 50   | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  |     |
|                     | Monthly maximum       | 12                      | 9    | 9   | 10  | 10  | 8   | 9   | 9   | 10  | 10  | 10  | 11  | 10  | 9   | 10  | 10  | 11  | 10  | 9   | 9   | 9   | 9   | 11  | 12  | 11  | 11  | 10  | 9   | 10  | 10  | 11  |     |     |
|                     | No of invalid days    | 0                       | Y    | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |     |
|                     | Sum of exceedances    | 0                       | N    | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

Signed.....

(Authorised to sign as a representative of the Operator)

Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

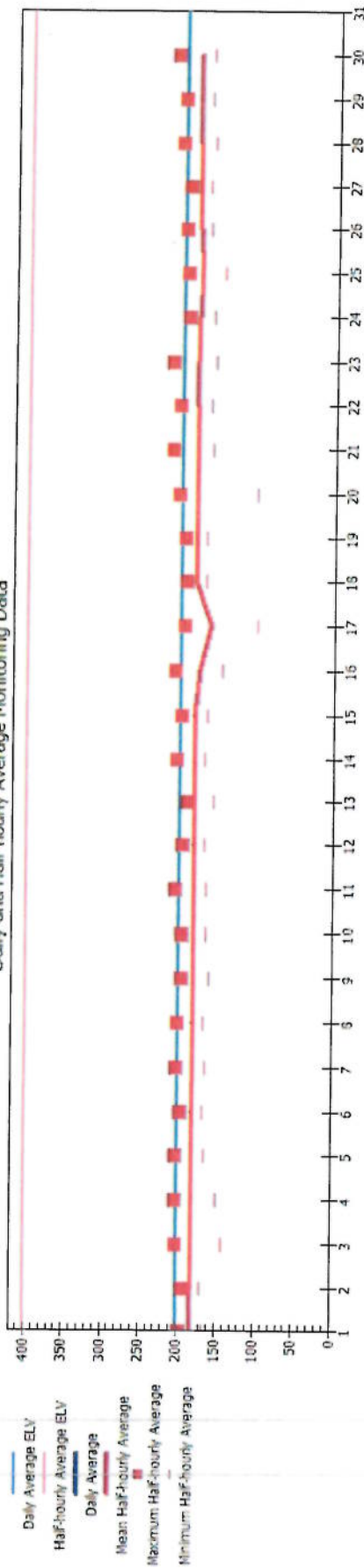
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for NO<sub>x</sub> mg/m<sup>3</sup> at Emission Point A1 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|---------------------|-----------------------|-------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                     |                       | 1                       | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
| Half-hourly average |                       | Half-hourly average ELV |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly maximum       | 213                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly mean          | 179                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly minimum       | 100                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Total Invalid results | 0                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Sum of exceedances    | 0                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Daily average       |                       | Daily average ELV       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly maximum       | 181                     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | No of invalid days    | 0                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Value Valid?          |                         |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Sum of exceedances    | 0                       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

Signed: .....  
(Authorised to sign as a representative of the Operator)

Date: .....



Permit Reference Number : SP3239FU

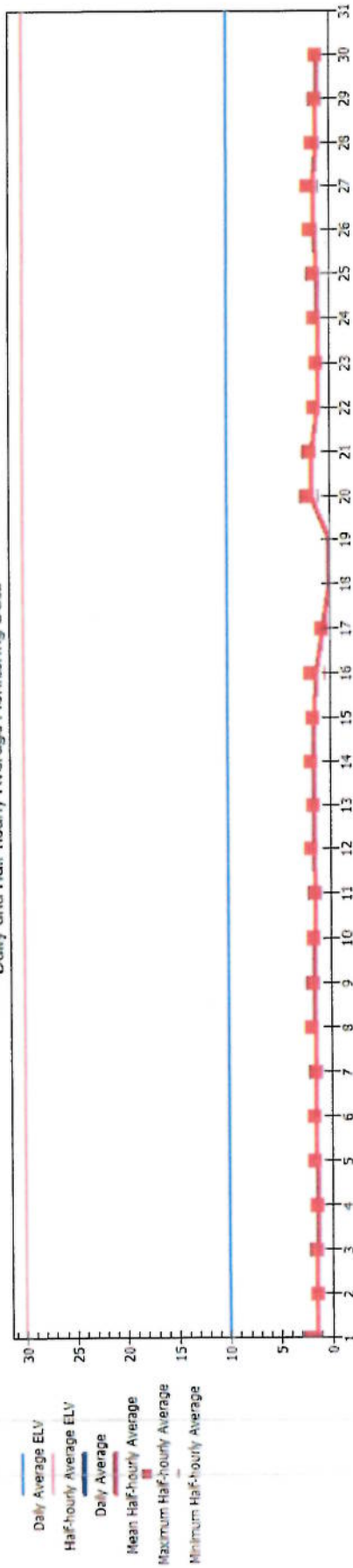
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for Dust mg/m<sup>3</sup> at Emission Point A2 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     |                 | Monthly summary         |   | Date |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
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| Half-hourly average |                 | Half-hourly average ELV |   |      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|                     | Monthly maximum | 2                       | 1 | 2    | 1 | 2 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  |

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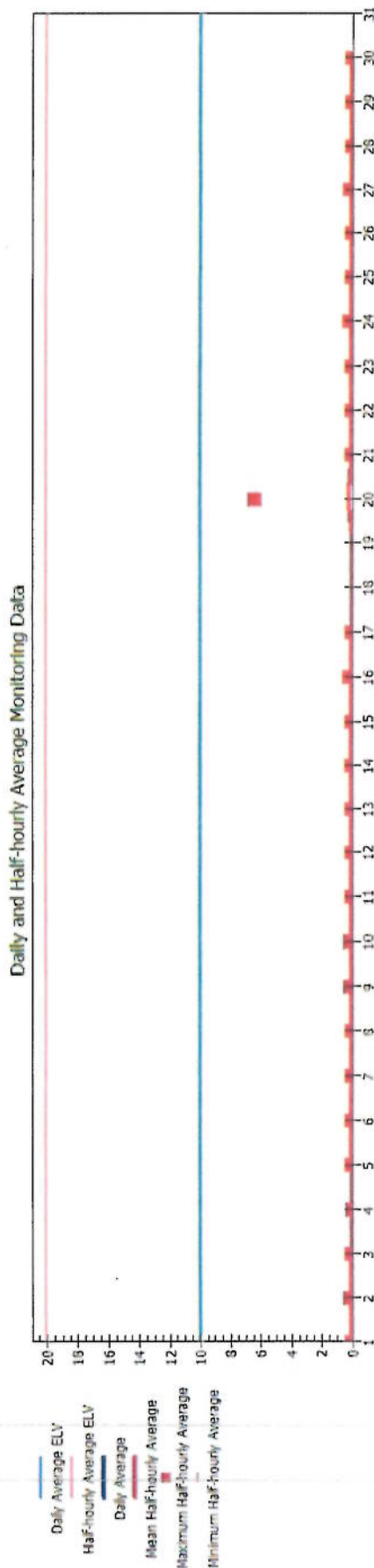
Permit Reference Number : SP3239FU

Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for TOC mg/m<sup>3</sup> at Emission Point A2 For the month of November 2016



|                     | Monthly summary       |   | Date                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|---|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       |   | 1                       | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17  | 18  | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |    |
| Half-hourly average |                       |   | Half-hourly average ELV |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 6 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 6  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Monthly mean          | 0 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Monthly minimum       | 0 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Total Invalid results | 0 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
| Daily average       | Sum of exceedances    | 0 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     |                       |   | 10                      | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10  | 10  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|                     | Monthly maximum       | 0 | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | No of invalid days    | 0 | Y                       | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y   | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |
|                     | Sum of exceedances    | 0 | N                       | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N   | N   | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

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Permit Reference Number : SP3239FU

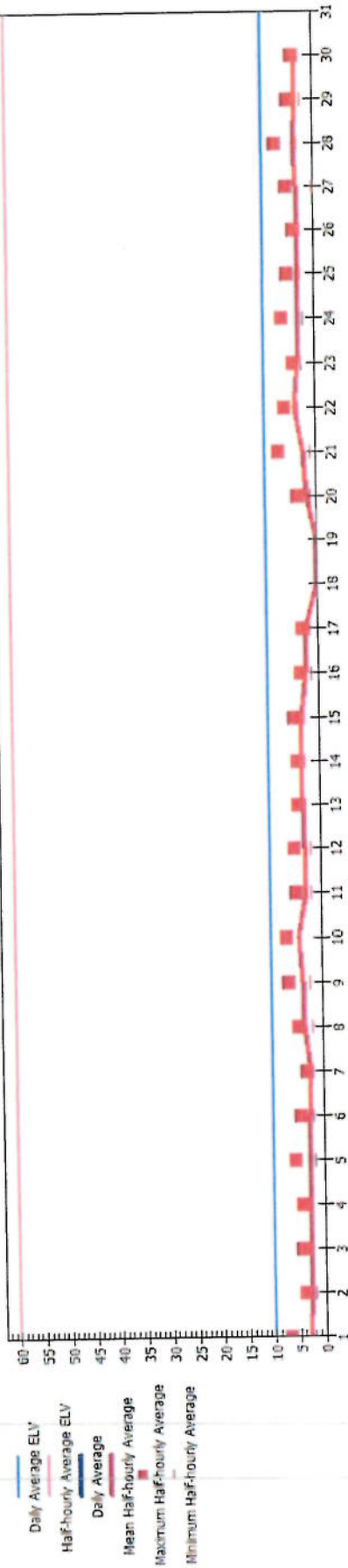
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for HCl mg/m3 at Emission Point A2 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary |                             | Date |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------|-----------------------------|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                 |                             | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18  | 19  | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Half-hourly average |                 | Half-hourly average ELV     | 60   | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60  | 60  | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
|                     | 7               | Maximum Half-hourly average | 7    | 4  | 4  | 4  | 4  | 5  | 4  | 3  | 5  | 6  | 7  | 5  | 5  | 4  | 5  | 3  | 3  | Off | Off | 3  | 7  | 6  | 4  | 6  | 5  | 4  | 5  | 7  | 5  | 4  |    |
|                     | 3               | Mean Half-hourly average    | 3    | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | Off | Off | 2  | 2  | 4  | 3  | 3  | 3  | 3  | 4  | 3  | 3  |    |    |
|                     | 0               | Minimum Half-hourly average | 2    | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 2  | 4  | 2  | 2  | 3  | 3  | 3  | 1  | 1  | Off | Off | 1  | 1  | 3  | 3  | 2  | 3  | 3  | 0  | 3  | 2  | 3  |    |
|                     | 0               | Total Invalid results       | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | 0               | Sum of exceedances          | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | Off | Off | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Daily average       |                 | Daily average ELV           | 10   | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10  | 10  | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |    |
|                     | 4               | Daily average               | 3    | 2  | 3  | 3  | 3  | 2  | 2  | 3  | 4  | 4  | 3  | 3  | 3  | 3  | 3  | 2  | 2  | Off | Off | 2  | 2  | 4  | 3  | 3  | 3  | 3  | 4  | 3  | 3  | 3  |    |
|                     | 0               | Value Valid?                | Y    | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y   | Y   | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |
|                     | 0               | Sum of exceedances          | N    | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N   | N   | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

Signed..... Date.....

(Authorised to sign as a representative of the Operator)

27 JAN 2017

Permit Reference Number : SP3239FU

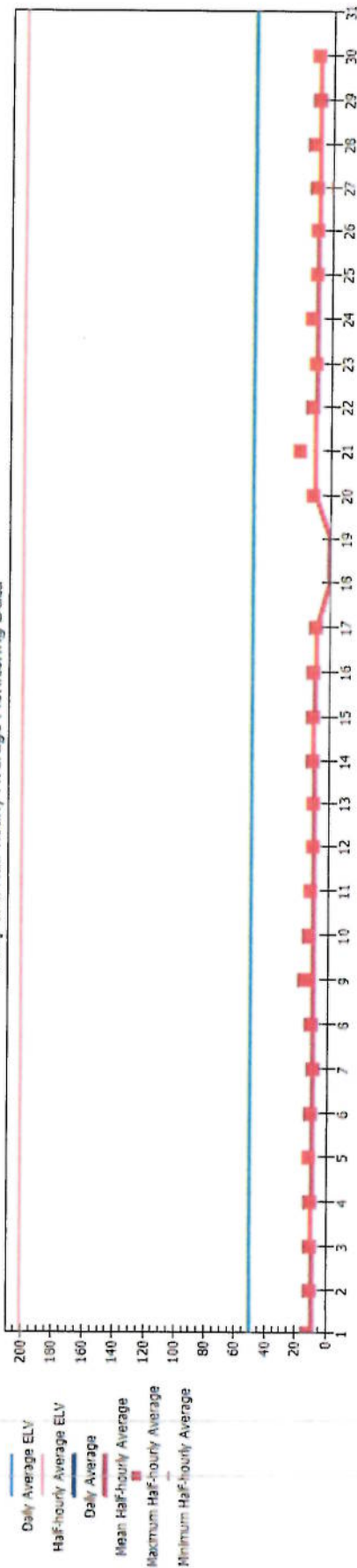
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for SO<sub>2</sub> mg/m<sup>3</sup> at Emission Point A2 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|---------------------|-----------------------|-------------------------|-----------------------------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                     |                       | 1                       | 2                           | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
| Half-hourly average |                       | Half-hourly average ELV |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly maximum       | 20                      | Maximum Half-hourly average |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly mean          | 9                       | Mean Half-hourly average    |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly minimum       | 0                       | Minimum Half-hourly average |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Total Invalid results | 0                       | No of Invalid results       |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Sum of exceedances    | 0                       | No of exceedances of ELV    |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Daily average       |                       | Daily average ELV       |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly maximum       | 10                      | Daily average               |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | No of invalid days    | 0                       | Value Valid?                |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Sum of exceedances    | 0                       | Value Exceeds ELV?          |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

Signed..... Date.....

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Permit Reference Number : SP3239FU

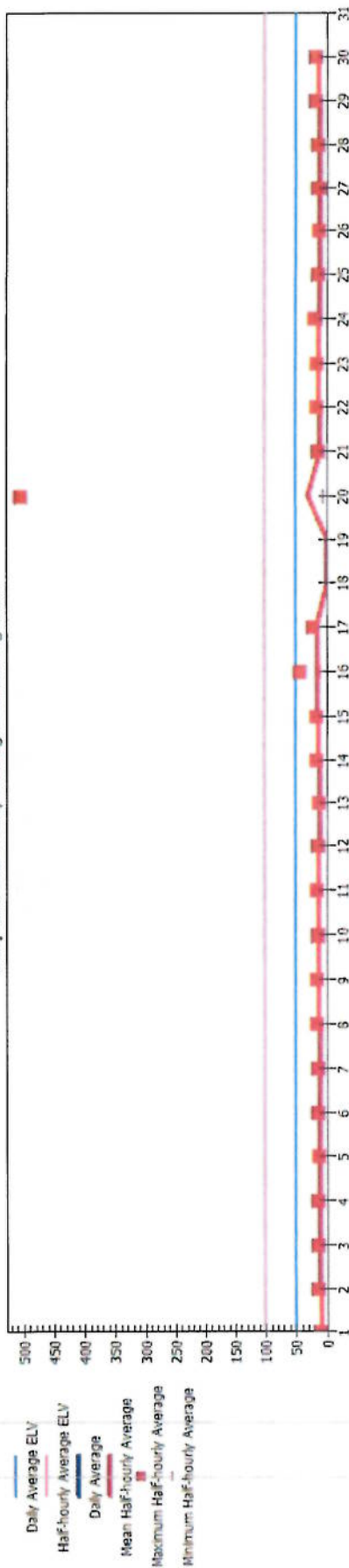
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A2 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |     | Date |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------------|-----------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |                       |     | 1    | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |     |
| Half-hourly average |                       |     | 100  | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                     | Monthly maximum       | 503 | 10   | 14  | 14  | 13  | 13  | 13  | 16  | 15  | 14  | 15  | 13  | 13  | 15  | 15  | 43  | 21  | Off | Off | 503 | 14  | 16  | 15  | 20  | 14  | 12  | 13  | 13  | 17  | 18  |     |     |     |
|                     | Monthly mean          | 12  | 9    | 9   | 11  | 11  | 11  | 10  | 12  | 11  | 12  | 12  | 11  | 10  | 11  | 13  | 15  | 16  | Off | Off | 31  | 10  | 11  | 12  | 11  | 11  | 10  | 10  | 9   | 12  | 14  |     |     |     |
|                     | Monthly minimum       | 1   | 6    | 7   | 9   | 8   | 8   | 9   | 8   | 8   | 9   | 8   | 10  | 9   | 9   | 8   | 11  | 11  | 13  | Off | Off | 7   | 7   | 9   | 10  | 9   | 8   | 7   | 1   | 8   | 9   | 11  |     |     |
|                     | Total Invalid results | 0   | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                     | Sum of exceedances    | 1   | 0    | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | Off | Off | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                     |                       |     | 50   | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  |     |
|                     | Monthly maximum       | 31  | 9    | 9   | 11  | 11  | 11  | 10  | 12  | 11  | 12  | 12  | 11  | 10  | 11  | 13  | 15  | 16  | Off | Off | 31  | 10  | 11  | 12  | 11  | 11  | 10  | 10  | 9   | 12  | 14  |     |     |     |
|                     | No of invalid days    | 0   | Y    | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |
|                     | Sum of exceedances-   | 0   | N    | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

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Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

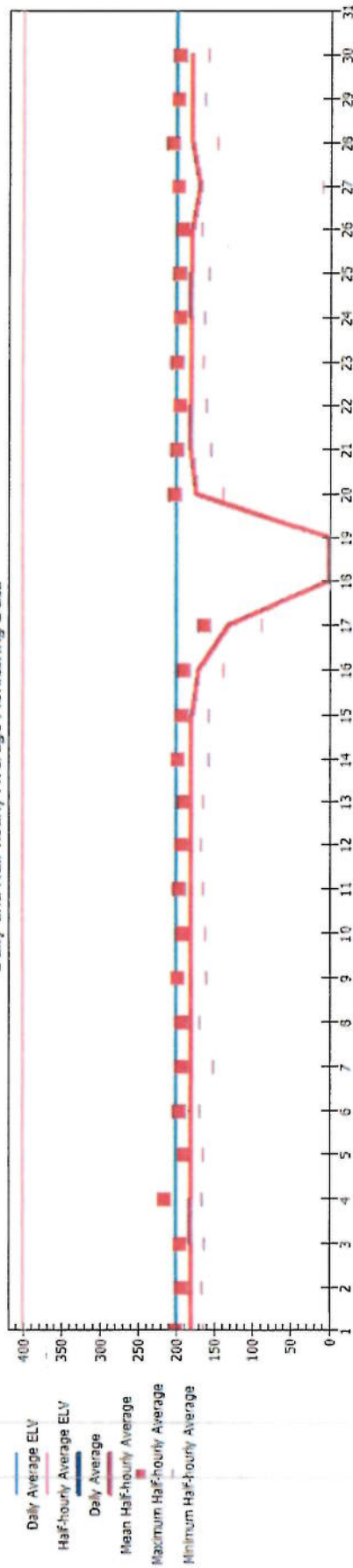
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for NOx mg/m3 at Emission Point A2 For the month of November 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |     | Date                    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|---------------------|-----------------------|-----|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|--|
|                     |                       |     | Half-hourly average ELV |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
|                     | Monthly maximum       | 214 | 199                     | 192 | 194 | 214 | 189 | 196 | 193 | 192 | 197 | 192 | 196 | 193 | 190 | 196 | 192 | 190 | 163 | Off | 201 | 198 | 194 | 198 | 194 | 196 | 191 | 197 | 204 | 197 | 195 |  |  |
| Half-hourly average | Monthly mean          | 177 | 180                     | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 171 | 131 | Off | 174 | 180 | 180 | 179 | 180 | 180 | 169 | 179 | 180 | 180 |     |  |  |
|                     | Monthly minimum       | 9   | 165                     | 165 | 163 | 167 | 164 | 169 | 152 | 169 | 160 | 162 | 165 | 167 | 165 | 157 | 157 | 138 | 89  | Off | 138 | 154 | 160 | 165 | 164 | 158 | 167 | 9   | 148 | 163 | 159 |  |  |
|                     | Total Invalid results | 0   | 0                       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |  |  |
|                     | Sum of exceedances    | 0   | 0                       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | Off | Off | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |  |  |
|                     |                       |     | Daily average ELV       |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |  |  |
| Daily average       | Monthly maximum       | 180 | 180                     | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 180 | 171 | 131 | Off | 174 | 180 | 180 | 179 | 180 | 180 | 169 | 179 | 180 | 180 |     |  |  |
|                     | No of invalid days    | 0   | Y                       | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |  |  |
|                     | Sum of exceedances    | 0   | N                       | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |  |  |

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Permit Reference Number : SP3239FU

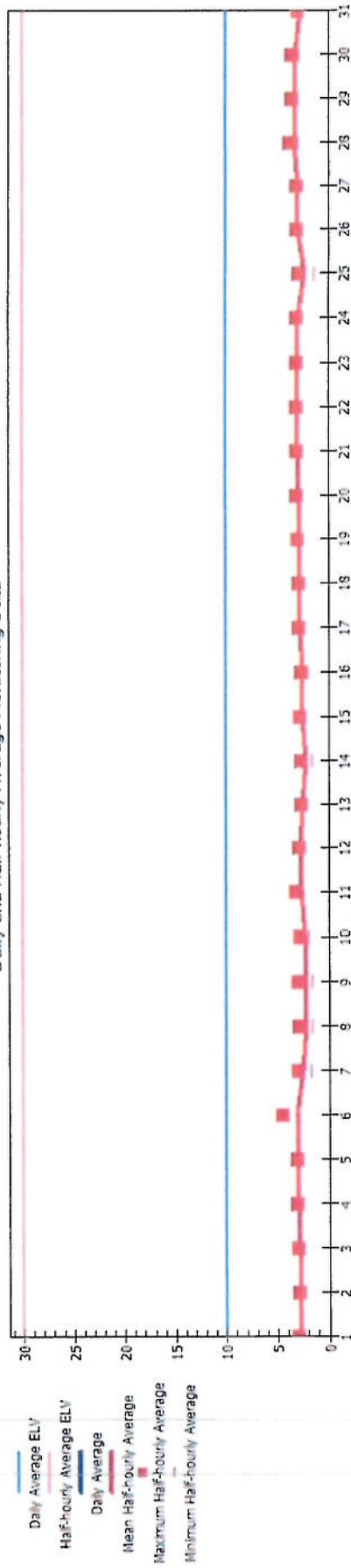
Operator : Ferrybridge MFE Limited

Installation: Knottingley

Form Number:

## Reporting of Continuously Monitored Emissions to Air for Dust mg/m3 at Emission Point A1 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary | Date                    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   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|                     |                 | Half-hourly average ELV |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  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| Half-hourly average | Monthly maximum | 4                       | 3 | 3 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 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3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

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(Authorised to sign as a representative of the Operator)

Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

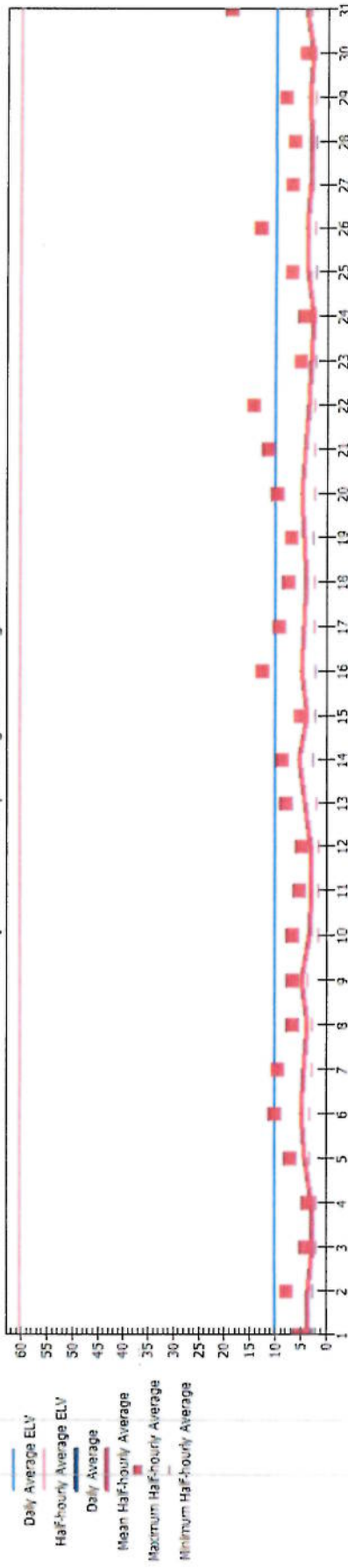
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for HCl mg/m<sup>3</sup> at Emission Point A1 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |    | Date                        |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---------------------|-----------------------|----|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|                     |                       |    |                             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Half-hourly average |                       |    | Half-hourly average ELV     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly maximum       | 19 | Maximum Half-hourly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly mean          | 4  | Mean Half-hourly average    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly minimum       | 1  | Minimum Half-hourly average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Total Invalid results | 13 | No of Invalid results       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Daily average       | Sum of exceedances    | 0  | No of exceedances of ELV    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     |                       |    | Daily average ELV           |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Monthly maximum       | 5  | Daily average               |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | No of invalid days    | 0  | Value Valid?                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|                     | Sum of exceedances    | 0  | Value Exceeds ELV?          |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

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(Authorised to sign as a representative of the Operator)

Date.....



Permit Reference Number : SP3239FU

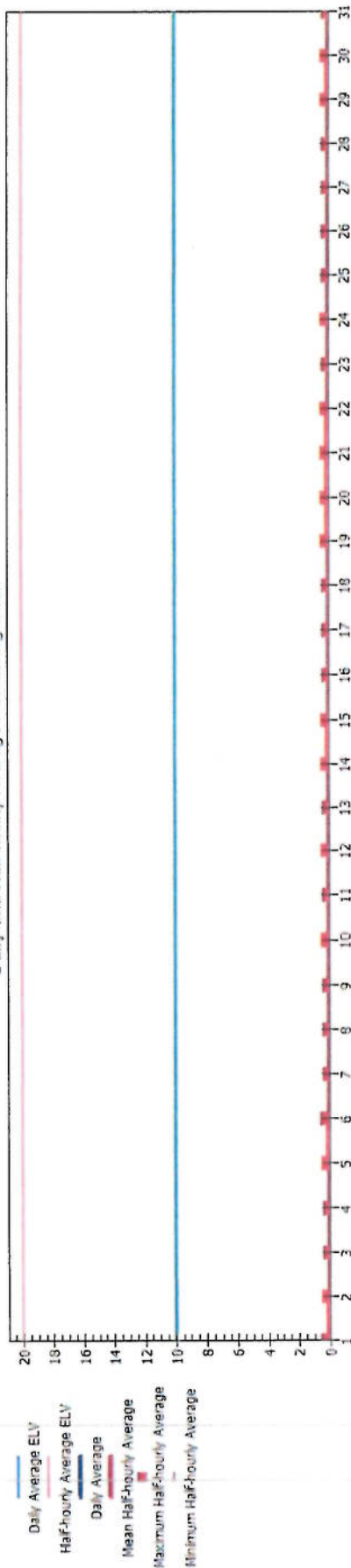
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for TOC mg/m<sup>3</sup> at Emission Point A1 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |                         | Date                        |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|-------------------------|-----------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       |                         |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Half-hourly average |                       | Half-hourly average ELV |                             |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 0                       | Maximum Half-hourly average | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |    |
|                     | Monthly mean          | 0                       | Mean Half-hourly average    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Monthly minimum       | 0                       | Minimum Half-hourly average | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Total Invalid results | 13                      | No of Invalid results       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Daily average       | Sum of exceedances    | 0                       | No of exceedances of ELV    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     |                       |                         | Daily average ELV           | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|                     | Monthly maximum       | 0                       | Daily average               | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | No of invalid days    | 0                       | Value Valid?                | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |
|                     | Sum of exceedances    | 0                       | Value Exceeds ELV?          | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

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(Authorised to sign as a representative of the Operator)

Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

Operator : Ferrybridge MFE Limited

Installation: Knottingley

Form Number:

## Reporting of Continuously Monitored Emissions to Air for SO<sub>2</sub> mg/m<sup>3</sup> at Emission Point A1 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |    | Date                     |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |
|---------------------|-----------------------|----|--------------------------|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|---|---|---|---|---|----|--|--|--|--|--|--|
|                     |                       |    | Half-hourly average ELV  |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |
| Half-hourly average | Monthly maximum       | 10 | 8                        | 7 | 7 | 7 | 10 | 8 | 7 | 7 | 9 | 8 | 8 | 7 | 7 | 8 | 8 | 9 | 8 | 8 | 10 | 7 | 7 | 8 | 9 | 7 | 8 | 8 | 10 |  |  |  |  |  |  |
|                     | Monthly mean          | 7  | 7                        | 7 | 7 | 7 | 7  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  |  |  |  |  |  |  |
|                     | Monthly minimum       | 6  | 7                        | 7 | 7 | 7 | 7  | 7 | 7 | 7 | 7 | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7  |  |  |  |  |  |  |
|                     | Total Invalid results | 13 | No of Invalid results    |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |
|                     | Sum of exceedances    | 0  | No of exceedances of ELV |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |
| Daily average       |                       |    | Daily average ELV        |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |
|                     | Monthly maximum       | 7  | Daily average            |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |
|                     | No of invalid days    | 0  | Value Valid?             |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |
|                     | Sum of exceedances    | 0  | Value Exceeds ELV?       |   |   |   |    |   |   |   |   |   |   |   |   |   |   |   |   |   |    |   |   |   |   |   |   |   |    |  |  |  |  |  |  |

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Date.....



Permit Reference Number : SP3239FU

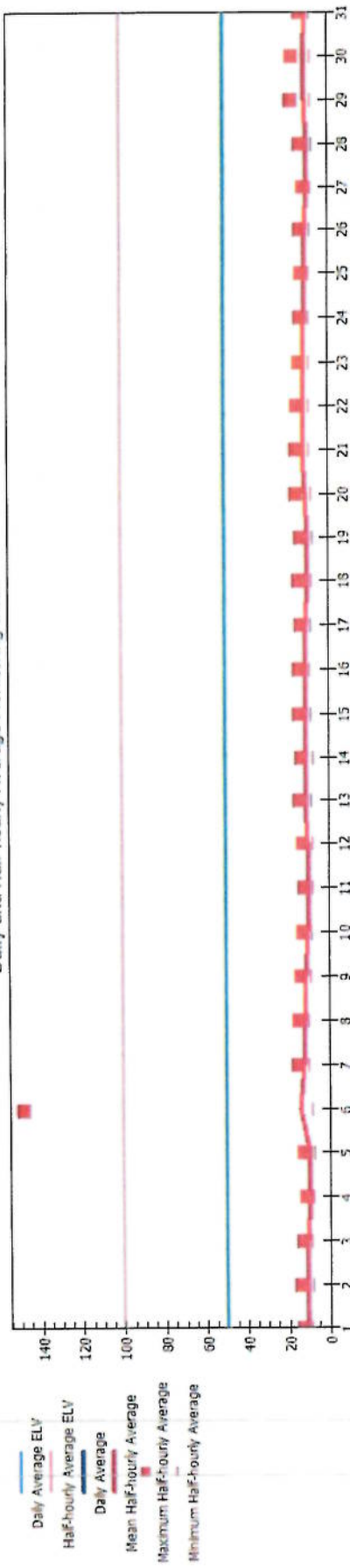
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A1 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |
|---------------------|-----------------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Half-hourly average |                       | Half-hourly average ELV | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                     | Monthly maximum       | 148                     | 13  | 14  | 13  | 11  | 12  | 148 | 15  | 14  | 13  | 12  | 12  | 12  | 14  | 13  | 14  | 13  | 14  | 13  | 15  | 15  | 14  | 13  | 13  | 13  | 12  | 13  | 11  | 13  | 17  | 17  | 13  |
|                     | Monthly mean          | 11                      | 11  | 11  | 9   | 9   | 14  | 12  | 12  | 11  | 10  | 9   | 10  | 11  | 11  | 11  | 11  | 10  | 10  | 10  | 11  | 12  | 11  | 11  | 11  | 11  | 11  | 10  | 9   | 10  | 10  | 11  | 10  |
|                     | Monthly minimum       | 7                       | 9   | 9   | 8   | 7   | 9   | 10  | 10  | 9   | 9   | 8   | 8   | 9   | 7   | 9   | 9   | 8   | 7   | 8   | 9   | 9   | 9   | 9   | 9   | 9   | 8   | 7   | 8   | 8   | 8   | 8   |     |
|                     | Total Invalid results | 13                      | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   | 0   | 0   | 0   | 1   | 1   | 0   | 1   | 1   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 1   | 1   | 1   | 0   | 1   | 0   |
| Daily average       | Sum of exceedances    | 1                       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                     |                       | Daily average ELV       | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  |
|                     | Monthly maximum       | 14                      | 11  | 11  | 9   | 9   | 14  | 12  | 11  | 10  | 9   | 10  | 11  | 11  | 11  | 11  | 11  | 10  | 10  | 10  | 11  | 12  | 11  | 11  | 11  | 11  | 11  | 10  | 9   | 10  | 10  | 11  | 10  |
|                     | No of invalid days    | 0                       | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |
|                     |                       | Value Exceeds ELV?      | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

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(Authorised to sign as a representative of the Operator)

Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

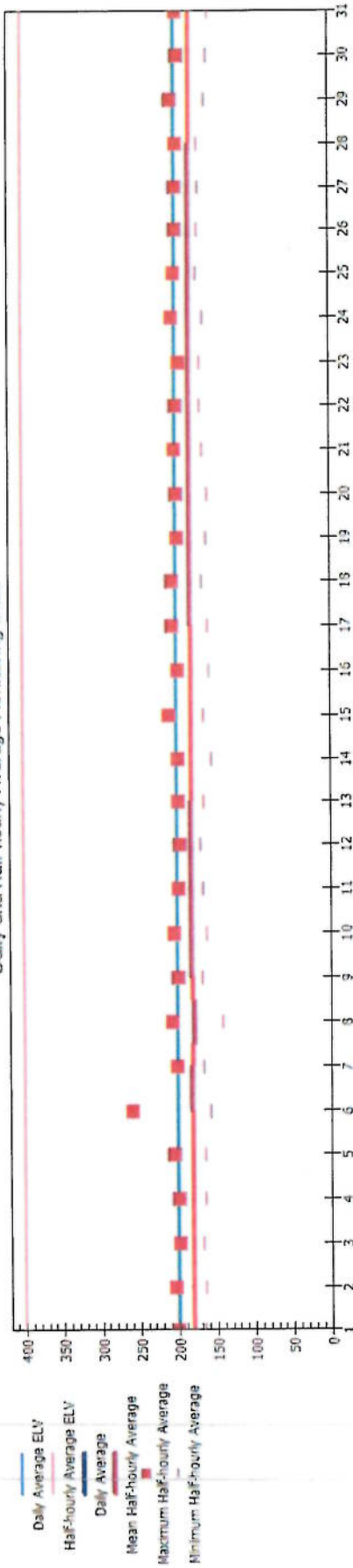
Operator : Ferrybridge MFE Limited

Installation: Knottingley

Form Number:

## Reporting of Continuously Monitored Emissions to Air for NOx mg/m3 at Emission Point A1 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |     | Date                    |                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---------------------|-----------------------|-----|-------------------------|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |                       |     | Half-hourly average ELV |                   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|                     | Monthly maximum       | 258 | 400                     | 400               | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 | 400 |     |
|                     | Monthly mean          | 180 | 200                     | 203               | 197 | 198 | 204 | 258 | 199 | 205 | 199 | 203 | 197 | 196 | 197 | 197 | 208 | 197 | 203 | 203 | 197 | 198 | 200 | 198 | 195 | 203 | 200 | 198 | 198 | 197 | 204 | 195 | 196 |
| Half-hourly average | Monthly minimum       | 141 | 180                     | 180               | 180 | 181 | 180 | 178 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 181 | 181 | 181 | 180 | 179 | 180 | 180 |
|                     | Total Invalid results | 13  | 0                       | 0                 | 0   | 0   | 0   | 0   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |
|                     | Sum of exceedances    | 0   | 0                       | 0                 | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |     |
|                     |                       |     |                         | Daily average ELV |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Daily average       | Monthly maximum       | 181 | 180                     | 180               | 180 | 181 | 180 | 178 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 180 | 181 | 181 | 181 | 181 | 181 | 180 | 179 | 180 | 180 |
|                     | No of invalid days    | 0   | Y                       | Y                 | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |
|                     | Sum of exceedances    | 0   | N                       | N                 | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

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(Authorised to sign as a representative of the Operator)



Permit Reference Number : SP3239FU

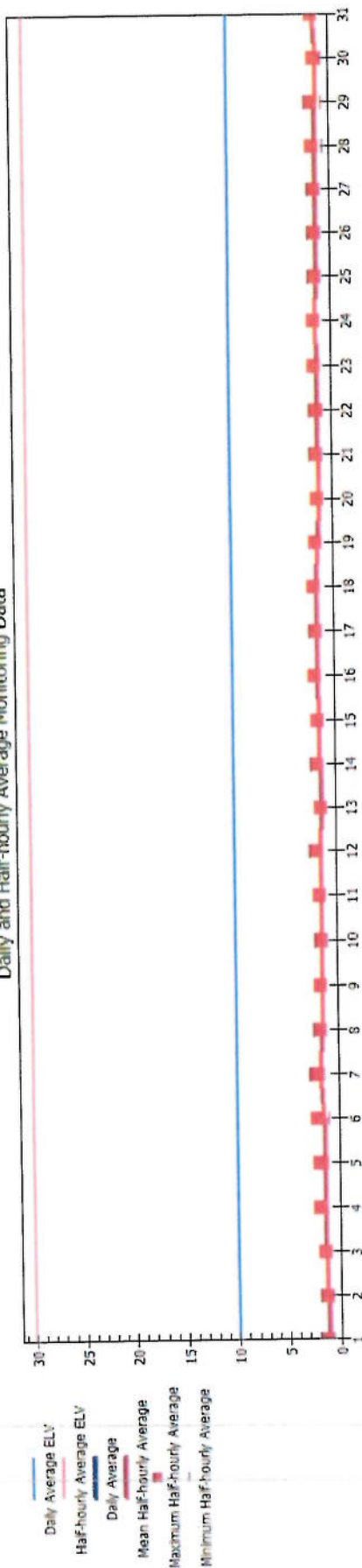
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

# Reporting of Continuously Monitored Emissions to Air for Dust mg/m3 at Emission Point A2 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



| Monthly summary     |                       | Date                    |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|-------------------------|-----------------------------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       | 1                       | 2                           | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Half-hourly average |                       | Half-hourly average ELV |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 2                       | Maximum Half-hourly average |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly mean          | 1                       | Mean Half-hourly average    |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly minimum       | 1                       | Minimum Half-hourly average |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Total Invalid results | 0                       | No of Invalid results       |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Daily average       | Sum of exceedances    | 0                       | No of exceedances of ELV    |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     |                       | Daily average ELV       |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 2                       | Daily average               |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | No of invalid days    | 0                       | Value Valid?                |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Sum of exceedances    | 0                       | Value Exceeds ELV?          |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Signed..... Date.....

(Authorised to sign as a representative of the Operator)

27 JAN 2017

Permit Reference Number : SP3239FU

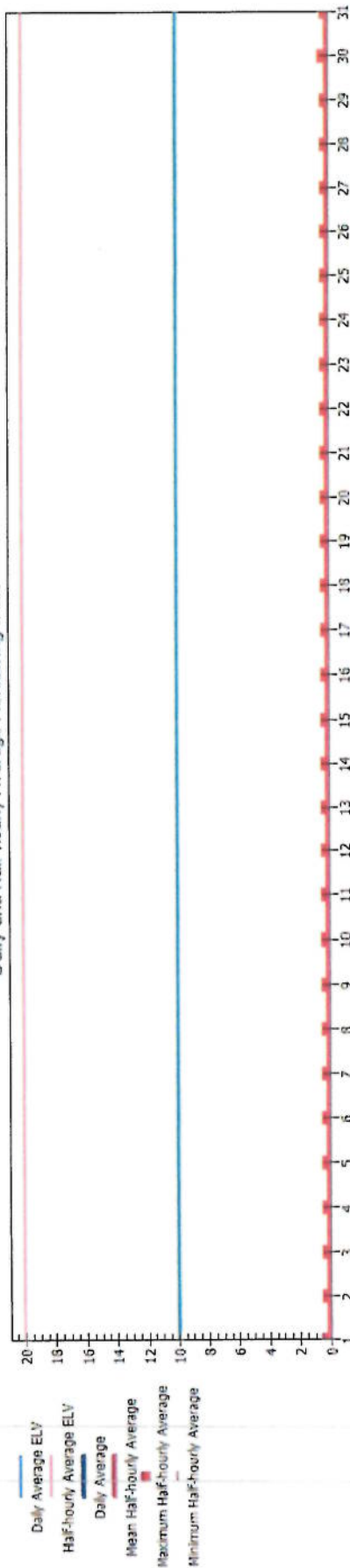
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for TOC mg/m3 at Emission Point A2 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |   | Date |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|---|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       |   | 1    | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |    |
| Half-hourly average |                       |   | 20   | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 | 20 |    |
|                     | Monthly maximum       | 0 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Monthly mean          | 0 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Monthly minimum       | 0 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |    |
|                     | Total Invalid results | 0 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
| Daily average       | Sum of exceedances    | 0 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     |                       |   | 10   | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
|                     | Monthly maximum       | 0 | 0    | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | No of invalid days    | 0 | Y    | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |
|                     | Sum of exceedances    | 0 | N    | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

Signed.....

(Authorised to sign as a representative of the Operator)

Date.....



Permit Reference Number : SP3239FU

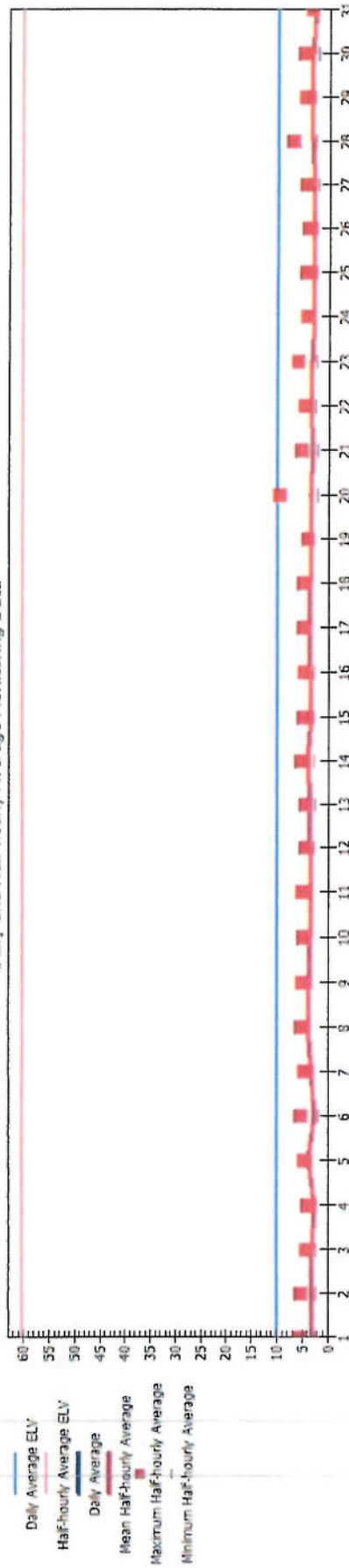
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for HCl mg/m<sup>3</sup> at Emission Point A2 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|---------------------|-----------------------|-------------------------|-----------------------------|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
|                     |                       | 1                       | 2                           | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
| Half-hourly average |                       | Half-hourly average ELV |                             |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly maximum       | 9                       | Maximum Half-hourly average |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly mean          | 3                       | Mean Half-hourly average    |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly minimum       | 2                       | Minimum Half-hourly average |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Total Invalid results | 0                       | No of Invalid results       |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
| Daily average       | Sum of exceedances    | 0                       | No of exceedances of ELV    |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     |                       |                         | Daily average ELV           |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Monthly maximum       | 4                       | Daily average               |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | No of invalid days    | 0                       | Value Valid?                |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                     | Sum of exceedances    | 0                       | Value Exceeds ELV?          |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |

Signed.....

Date.....

(Authorised to sign as a representative of the Operator)

27 JAN 2017

Permit Reference Number : SP3239FU

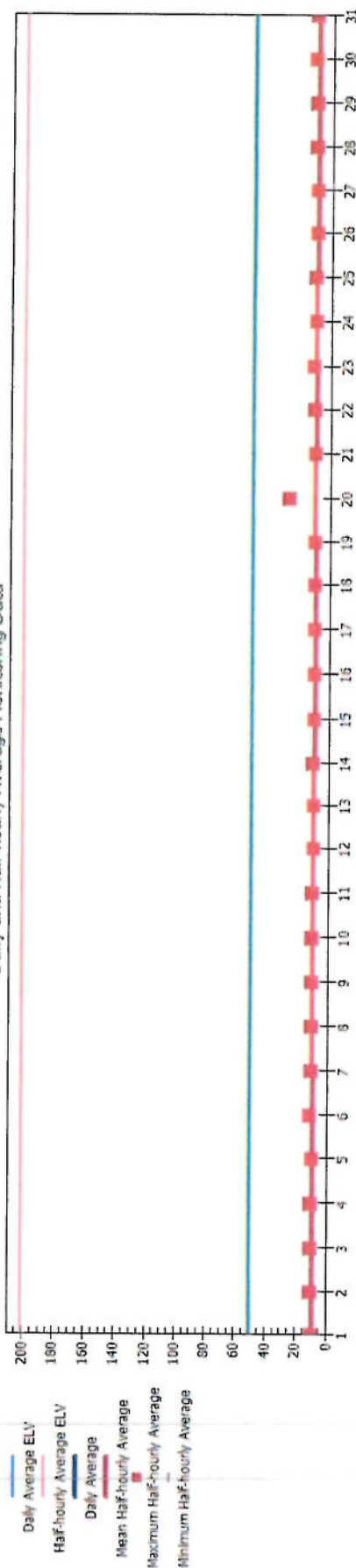
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for SO<sub>2</sub> mg/m<sup>3</sup> at Emission Point A2 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |    | Date                    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|----|-------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       |    | 1                       | 2  | 3  | 4  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
|                     |                       |    | Half-hourly average ELV |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 26 | 9                       | 10 | 10 | 10 | 9  | 11 | 10 | 10 | 10 | 10 | 9  | 9  | 10 | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 26 | 9  | 10 | 9  | 10 | 9  | 9  | 10 | 10 | 11 | 10 |
| Half-hourly average | Monthly mean          | 9  | 9                       | 8  | 8  | 9  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 9  | 9  |
|                     | Monthly minimum       | 7  | 8                       | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 7  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 8  | 9  | 8  | 7  | 8  | 8  | 9  |
|                     | Total Invalid results | 0  | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     | Sum of exceedances    | 0  | 0                       | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  |
|                     |                       |    | 50                      | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Daily average       | Monthly maximum       | 9  | 9                       | 8  | 8  | 9  | 8  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 9  | 8  | 8  | 8  | 9  | 9  |
|                     | No of invalid days    | 0  | Y                       | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  | Y  |    |
|                     | Sum of exceedances    | 0  | N                       | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  | N  |

Signed.....

(Authorised to sign as a representative of the Operator)

Date.....



Permit Reference Number : SP3239FU

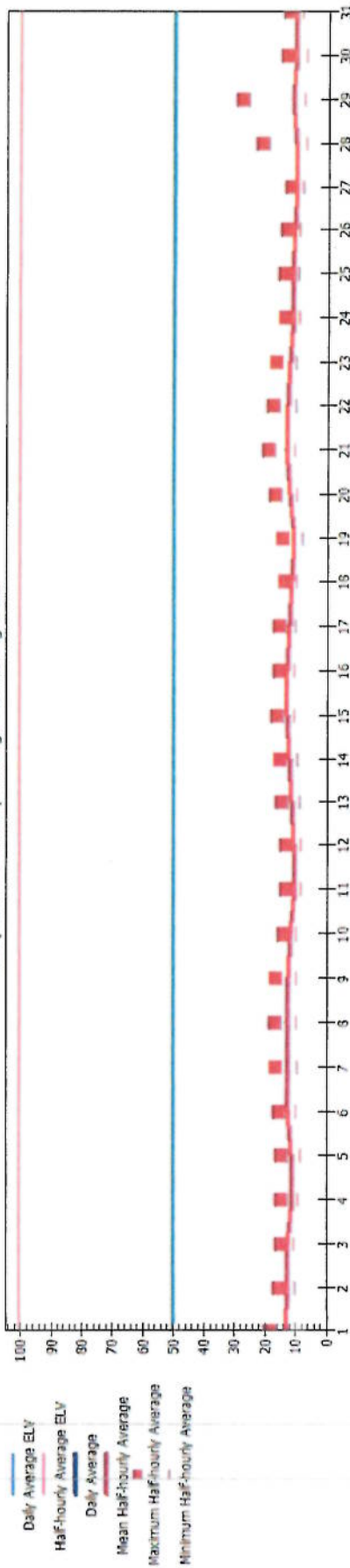
Installation: Knottingley

Operator : Ferrybridge MFE Limited

Form Number:

## Reporting of Continuously Monitored Emissions to Air for CO mg/m3 at Emission Point A2 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       | Date                    | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  | 31  |
|---------------------|-----------------------|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                     |                       |                         |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Half-hourly average |                       | Half-hourly average ELV | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|                     | Monthly maximum       | 28                      | 18  | 15  | 14  | 14  | 15  | 16  | 17  | 16  | 14  | 13  | 14  | 15  | 16  | 15  | 15  | 13  | 14  | 17  | 19  | 17  | 16  | 13  | 14  | 13  | 12  | 21  | 28  | 13  | 12  | 10  |     |
|                     | Monthly mean          | 11                      | 13  | 12  | 11  | 11  | 12  | 12  | 13  | 12  | 11  | 10  | 10  | 11  | 12  | 13  | 13  | 12  | 11  | 11  | 12  | 13  | 13  | 12  | 11  | 11  | 10  | 10  | 11  | 10  | 10  | 10  |     |
|                     | Monthly minimum       | 7                       | 10  | 10  | 9   | 8   | 10  | 9   | 10  | 10  | 10  | 8   | 8   | 9   | 9   | 10  | 11  | 10  | 10  | 8   | 10  | 10  | 10  | 9   | 9   | 9   | 8   | 7   | 7   | 7   | 8   | 7   |     |
|                     | Total Invalid results | 0                       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
| Daily average       | Sum of exceedances    | 0                       | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   |
|                     |                       | Daily average ELV       | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  | 50  |
|                     | Monthly maximum       | 13                      | 13  | 12  | 11  | 11  | 12  | 13  | 12  | 11  | 10  | 10  | 11  | 12  | 13  | 13  | 12  | 11  | 11  | 12  | 13  | 13  | 12  | 11  | 11  | 11  | 10  | 10  | 11  | 10  | 10  | 10  | 10  |
|                     | No of invalid days    | 0                       | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   | Y   |     |
|                     | Sum of exceedances    | 0                       | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   | N   |

Signed.....

(Authorised to sign as a representative of the Operator)

Date.....

27 JAN 2017

Permit Reference Number : SP3239FU

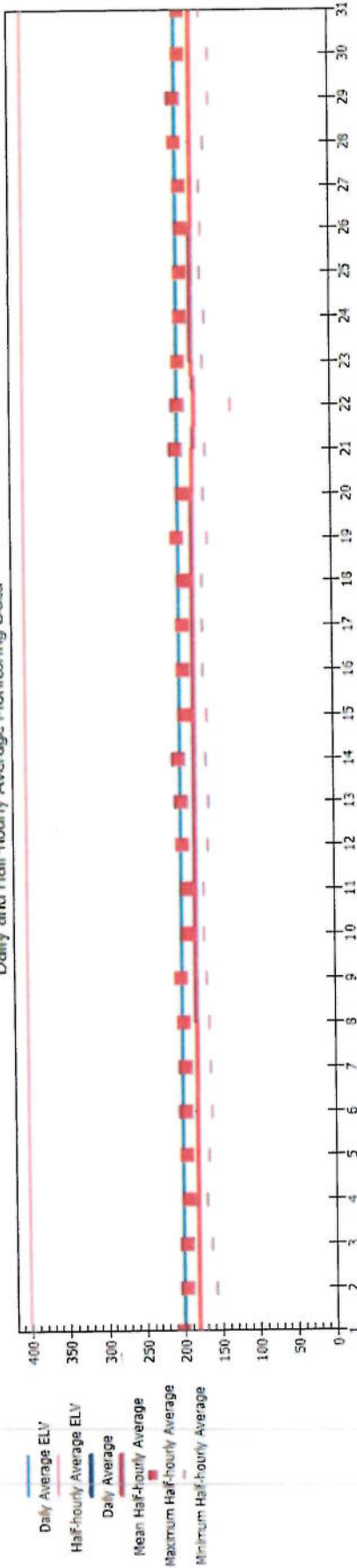
Operator : Ferrybridge MFE Limited

Installation: Knottingley

Form Number:

## Reporting of Continuously Monitored Emissions to Air for NOx mg/m3 at Emission Point A2 For the month of December 2016

Daily and Half-hourly Average Monitoring Data



|                     | Monthly summary       |     | Date                        |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|---------------------|-----------------------|-----|-----------------------------|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|                     |                       |     | 1                           | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| Half-hourly average |                       |     | Half-hourly average ELV     |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 202 | Maximum Half-hourly average |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly mean          | 180 | Mean Half-hourly average    |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly minimum       | 129 | Minimum Half-hourly average |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Total Invalid results | 0   | No of Invalid results       |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| Daily average       |                       |     | No of exceedances of ELV    |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Monthly maximum       | 181 | Daily average ELV           |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | No of invalid days    | 0   | Daily average               |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     | Sum of exceedances    | 0   | Value Valid?                |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                     |                       |     | Value Exceeds ELV?          |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Signed..... Date.....

(Authorised to sign as a representative of the Operator)



Permit Number : EPR/SP3239FU  
Permit Number : EPR/SP3239FU

Operator : Ferrybridge MFE Limited

Facility : Ferrybridge Multifuel Facility

Form Number : Air 7 / 30/11/2012

### Reporting of periodically monitored emissions to air for the period from Jul 2016 to Dec 2016

| Emission Point | Substance / Parameter  | Emission Limit Value   | Reference Period                              | Result (1) | Test Method  | Result Date and Time (2)                   | Uncertainty (3) |
|----------------|--|------------------------|---|------------|--------------|--|-----------------|
| A1             | Hydrogen fluoride  | 2 mg/m <sup>3</sup>    | Periodic over minimum 1-hour period           | <0.02      | BS ISO 15713 | 19/08/2016 10:19-11:19                     | 0.002           |
| A2             |  |                        |   | <0.02      |              | 19/08/2016 11:35-12:35                     | 0.002           |
| A1             | Cadmium & thallium and their compounds (total)                   | 0.05 mg/m <sup>3</sup> | over minimum 30 minute, maximum 8 hour period | <0.001     | BS EN 14385  | 13/07/2016 96 mins between 09:15 and 10:55 | 0.0002          |
| A2             |  |                        |   | 0.0006     |              | 13/07/2016 96 mins between 12:00 and 13:40 | 0.0001          |
| A1             | Mercury and its compounds  | 0.05 mg/m <sup>3</sup> | over minimum 30 minute, maximum 8 hour period | 0.002      | BS EN 13211  | as Cadmium                                 | 0.0001          |
| A2             |  |                        |   | 0.002      |              | as Cadmium                                 | 0.0002          |
| A1             | Sb, As, Pb, Cr, Co, Cu, Mn, Ni and V and their compounds (total) | 0.5 mg/m <sup>3</sup>  | over minimum 30 minute, maximum 8 hour period | 0.013      | BS EN 14385  | as Cadmium                                 | 0.002           |

*6672*  
27 JAN 2017

| Emission Point | Substance / Parameter                       | Emission Limit Value | Reference Period                                  | Result <sup>[1]</sup> | Test Method                 | Result Date and Time <sup>[2]</sup>         | Uncertainty <sup>[3]</sup> |
|----------------|---|----------------------|---|-----------------------|-----------------------------|---|----------------------------|
| A2             |   |                      |   | 0.04                  |                             | as Cadmium                                  | 0.007                      |
| A1             | Dioxins / Furans (I-TEQ)                    | 0.1 ng/m³            | over minimum 6 hour period, maximum 8 hour period | 0.035 ng/m³           | BS EN 1948 Parts 1, 2 and 3 | 12/07/2016 360 mins between 09:45 and 16:00 | 0.008                      |
| A2             |   |                      |   | 0.04 ng/m³            |                             | 15/07/2016 360 mins between 09:05 and 15:16 | 0.007                      |
| A1             | Dioxin-like PCBs (WHO-TEQ Humans / Mammals) | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 0.00239 ng/m³         | BS EN/TS 1948-4             | as above                                    | 0.00054                    |
| A2             |   |                      |   | 0.00071 ng/m³         |                             | as above                                    | 0.00016                    |
| A1             | Dioxin-like PCBs (WHO-TEQ Fish)             | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 0.00012 ng/m³         | BS EN/TS 1948-4             | as above                                    | 0.00003                    |
| A2             |   |                      |   | 0.00004 ng/m³         |                             | as above                                    | 0.0001                     |
| A1             | Dioxin-like PCBs (WHO-TEQ Birds)            | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 0.00389 ng/m³         | BS EN/TS 1948-4             | as above                                    | 0.00079                    |
| A2             |   |                      |   | 0.00322 ng/m³         |                             | as above                                    | 0.00073                    |
| A1             | Dioxins / furans (WHO-TEQ Humans / Mammals) | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 0.032 ng/m³           | BS EN/TS 1948-4             | as above                                    | 0.007                      |
| A2             |   |                      |   | 0.04 ng/m³            |                             | as above                                    | 0.009                      |

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| Emission Point | Substance / Parameter                    | Emission Limit Value | Reference Period                                  | Result [1]              | Test Method                       | Result Date and Time [2]                                       | Uncertainty [3] |
|----------------|--|----------------------|---|-------------------------|-----------------------------------|--|-----------------|
| A1             | Dioxins / furans (WHO-TEQ Fish)          | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 0.037 ng/m <sup>3</sup> | BS EN/TS 1948-4                   | as above   | 0.008           |
| A2             |  |                      |   | 0.04 ng/m <sup>3</sup>  |                                   | as above   | 0.010           |
| A1             | Dioxins / furans (WHO-TEQ Birds)         | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 0.076 ng/m <sup>3</sup> | BS EN/TS 1948-4                   | as above   | 0.017           |
| A2             |  |                      |   | 0.07 ng/m <sup>3</sup>  |                                   | as above   | 0.017           |
|                | Poly-cyclic aromatic hydrocarbons (PAHs) |                      |   |                         |                                   |  |                 |
| A1             | Total                                    | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 1.448 µg/m <sup>3</sup> | BS ISO 11338-1 and BS ISO 11338-2 | 12/07/2016 360 mins between 10:04 and 16:08 for all components | 0.328           |
| A2             |  |                      |   | <0.61 µg/m <sup>3</sup> |                                   | 14/07/2016 360 mins between 08:45 and 14:56 for all components | 0.13            |
| A1             | Anthanthrene                             | No limit applies     | over minimum 6 hour period, maximum 8 hour period | <0.012                  |                                   |  | 0.003           |
| A2             |  |                      |   | <0.01                   |                                   |  | 0.002           |
| A1             | Benzo[a]anthracene                       | No limit applies     | over minimum 6 hour period, maximum 8 hour period | 0.024                   |                                   |  | 0.006           |
| A2             |  |                      |   | <0.01                   |                                   |  | 0.002           |

27 JAN 2017

| Emission Point | Substance / Parameter         | Emission Limit Value | Reference Period | Result (1) | Test Method | Result Date and Time (2) | Uncertainty (3) |
|----------------|-------------------------------|----------------------|------------------|------------|-------------|--------------------------|-----------------|
| A1             |                               |                      |                  | <0.012     |             |                          | 0.003           |
| A2             | Benzol[b]fluoranthene         | No limit applies     |                  | <0.01      |             |                          | 0.002           |
| A1             |                               |                      |                  | <0.012     |             |                          | 0.003           |
| A2             | Benzol[k]fluoranthene         | No limit applies     |                  | <0.01      |             |                          | 0.002           |
| A1             |                               |                      |                  | <0.012     |             |                          | 0.003           |
| A2             | Benzol[b]naph(2,1-d)thiophene | No limit applies     |                  | <0.01      |             |                          | 0.002           |
| A1             |                               |                      |                  | <0.012     |             |                          | 0.003           |
| A2             | Benzol[c]phenanthrene         | No limit applies     |                  | <0.01      |             |                          | 0.002           |
| A1             |                               |                      |                  | <0.012     |             |                          | 0.003           |
| A2             | Benzol[ghi]perylene           | No limit applies     |                  | <0.01      |             |                          | 0.002           |
| A1             |                               |                      |                  | <0.012     |             |                          | 0.003           |
| A2             | Benzol[a]pyrene               | No limit applies     |                  | <0.01      |             |                          | 0.002           |

06/7/20



| Emission Point | Substance / Parameter | Emission Limit Value | Reference Period | Result [1] | Test Method | Result Date and Time [2] | Uncertainty [3] |
|----------------|-----------------------|----------------------|------------------|------------|-------------|--------------------------|-----------------|
| A1             | Cholanthrene          | No limit applies     |                  | <0.012     |             |                          | 0.003           |
| A2             |                       |                      |                  | <0.01      |             |                          | 0.002           |
| A1             | Chrysene              | No limit applies     |                  | 0.012      |             |                          | 0.003           |
| A2             |                       |                      |                  | <0.01      |             |                          | 0.002           |
| A1             | Cyclopenta(c,d)pyrene | No limit applies     |                  | <0.012     |             |                          | 0.003           |
| A2             |                       |                      |                  | <0.01      |             |                          | 0.002           |
| A1             | Dibenzo[ah]anthracene | No limit applies     |                  | <0.012     |             |                          | 0.003           |
| A2             |                       |                      |                  | <0.01      |             |                          | 0.002           |
| A1             | Dibenzo[a,i]pyrene    | No limit applies     |                  | <0.012     |             |                          | 0.003           |
| A2             |                       |                      |                  | <0.01      |             |                          | 0.002           |
| A1             | Fluoranthene          | No limit applies     |                  | 0.134      |             |                          | 0.030           |
| A2             |                       |                      |                  | 0.05       |             |                          | 0.01            |

  
 2019-09-10

| Emission Point | Substance / Parameter | Emission Limit Value | Reference Period | Result [1] | Test Method | Result Date and Time [2] | Uncertainty [3] |
|----------------|-----------------------|----------------------|------------------|------------|-------------|--------------------------|-----------------|
| A1             | Indo[1,2,3-cd]pyrene  | No limit applies     |                  | <0.012     |             |                          | 0.003           |
| A2             |                       |                      |                  | <0.01      |             |                          | 0.002           |
| A1             |                       |                      |                  | 1.132      |             |                          | 0.256           |
| A2             | Naphthalen            | No limit applies     |                  | 0.41       |             |                          | 0.08            |

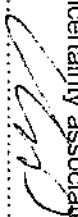
[1] For dioxins and dioxin-like PCBs, the result are to be reported as a range based on: All congeners less than the detection limit assumed to be zero as

a minimum, and all congeners less than the detection limit assumed to be at the detection limit as a maximum

[2] The date and time of the sample that produced the result is given.

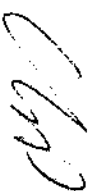
[3] The uncertainty associated with the quoted result at the 95% confidence interval, unless otherwise stated.

Signed .....



Date .....

(authorised to sign as representative of Ferrybridge MFE Limited)



Permit Number : EPR/SP3239FU

Operator : Ferrybridge MFE Limited

Facility : Ferrybridge Multifuel Facility

Form Number : Performance 1 / 30/11/2012

### Reporting of Waste Disposal and Recovery for the year 2016

| Waste Description                          | Disposal Route | Tonnes  | Recovery Tonnes |
|--|----------------|---------|-----------------|
| 1) Hazardous Wastes                        |                |         |                 |
| APC Residues                               | D9             | 22,824  | -               |
| IBA which is classified as hazardous waste | D9             | 359     | -               |
| Total hazardous waste                      |                | 23,183  | -               |
| 2) Non-Hazardous Wastes                    |                |         |                 |
| IBA  | R5             | 119,760 | 119,760         |
| Other non-hazardous wastes                 | R4             | 199     | 199             |
| Total non-hazardous waste                  |                | 119,959 | 119,959         |
| TOTAL WASTE                                | -              | 143,142 | 119,959         |

Operator's comments :

D9 – acid neutralisation followed by non-hazardous landfill, R5 – processed and reused, R4 – metals recovered

Boiler ash was removed directly from the boiler through cleaning and was therefore not included in standard IBA and was disposed of as APCr processing.

Signed ..... Date .....  
(authorised to sign as representative of Ferrybridge MFE Limited)

27 JAN 2017




## Reporting of Water and Other Raw Material Usage for the year 2016

| Raw Material                             | Usage  | Unit           | Specific Usage | Unit              |
|--|--------|----------------|----------------|-------------------|
| Mains water                              | 43294  | m <sup>3</sup> | 0.077          | m <sup>3</sup> /t |
| Total water usage                        | 123604 | m <sup>3</sup> | 0.221          | m <sup>3</sup> /t |
| Ammonia                                  | 532    | Tonnes         | 0.949          | kg/t              |
| Activated carbon                         | 199    | Tonnes         | 0.347          | kg/t              |
| Lime/hydrated lime or sodium bicarbonate | 9444   | Tonnes         | 16.855         | kg/t              |

Operator's comments :

Fuel burn for the year = 573,035 tonnes

Signed .....  Date.....  
 (authorised to sign as representative of Ferrybridge MFE Limited)

# Reporting of other performance indicators for the period 2016

| Parameter   | Result             |
|---|--------------------|
| Number of periods of abnormal operation                       | 1 period - 30 mins |
| Cumulative hours of abnormal operation for this calendar year | 30 mins            |

Operator's comments :

11/09/16 – Loss of CEMs due to failure of N2 calibration gas

Signed ..... Date.....  
(authorised to sign as representative of Ferrybridge MFE Limited)

27/09/2017

Permit Number : EPR/SP3239FU

Operator : Ferrybridge MFE Limited

Facility : Ferrybridge Multifuel Facility

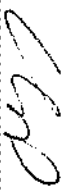
Form Number :Energy 1 / 30/11/2012

### Reporting of Energy Usage/Export for the year 2016

| Energy Source               | Energy Usage | Unit   | Contained Energy<br>(MWh) |
|-----------------------------|--------------|--------|---------------------------|
| Electricity Produced        | 326,051      | MWh    |                           |
| Electricity Imported        | 21,855       | MWh    |                           |
| Electricity Exported        | 299,218      | MWh    |                           |
| Gas Oil                     | 876          | tonnes |                           |
| Steam/hot water<br>Exported | 0            | MWh    |                           |

Operator's comments :

Signed .....



Date.....

(authorised to sign as representative of Ferrybridge MFE Limited)



Form Number: Residues 1 / 30/11/2012

### Ash Composition (TOC/LOI)

\* At least one of LOI or TOC to be reported.

Signed ..... Date.....  
(authorised to sign as representative of Ferrybridge MFE Limited)

27 JAN 2017

