

**FORM AIR 5: Refinery fuel analysis and sulphur balance**

Permit Number :           EPR/YP3930EX

Operator :                   Valero Energy Ltd

Installation Location :   Pembroke Refinery, Pembroke, SA71 5SJ

Parameters :               Sulphur and Sulphur dioxide

Reporting year :           2021

| Month                                 |          | Jan      | Feb      | Mar      | Apr      | May      | Jun      | Jul      | Aug      | Sep      | Oct      | Nov      | Dec      |
|---------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| <b>RFO sulphur (%)</b>                | Mean     | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used |
|                                       | Max      | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used |
| <b>Visbreaker residue sulphur (%)</b> | Mean     | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used |
|                                       | Max      | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used | Not used |
| <b>RFG sulphur (ppm)</b>              | Mean     | 0.60     | 0.50     | 0.50     | 0.57     | 0.90     | 0.92     | 0.78     | 0.99     | 1.26     | 1.05     | 1.70     | 0.80     |
|                                       | Max      | 3        | 1        | 1        | 1        | 5        | 1        | 2        | 4        | 3        | 4        | 7        | 3        |
|                                       | hrs >200 | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        |

