|  |  |
| --- | --- |
| **Annex T to the Contract pursuant to DE-UZ 12a** | **Please use only  this form!** |

**Blue Angel Eco-Label   
for “Low-Emission Internal Plasters"**

|  |  |
| --- | --- |
| **Manufacturer of titanium dioxide:**  (full address) |  |
|  |  |
| **Contact:**  (including email address and phone No) |  |
|  |  |
| **Trade name of the product:** |  |

**Declaration from the Titanium Dioxide Manufacturers**

**3.1.5 Production of Titanium Dioxide Pigments**

The following method was used to produce the above-mentioned product:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Sulphate process** |  | **Chloride process** |

The titanium dioxide content in the above-mentioned product is  weight percent.

The emissions and wastes from the production of the above-mentioned product amount to:

**For the sulphate process:**

|  |  |  |
| --- | --- | --- |
| SOx calculated as SO2: | kg/t of TiO2 pigment | (target value: ≤ 7.0 kg/t of TiO2 pigment) |
| Sulphate waste liquor: | kg/t of TiO2 pigment | (target value: ≤ 500 kg/t of TiO2 pigment) |

**For the chloride process:**

***a) Just one type of ore is used:***

|  |  |  |  |
| --- | --- | --- | --- |
| Chloride wastes | | [kg/t of TiO2 pigment] | Target value: |
|  | If natural rutile ore is used: |  | ≤ 103 kg/t of TiO2 pigment |
|  | If synthetic rutile ore is used: |  | ≤ 179 kg/t of TiO2 pigment |
|  | If slag ore is used: |  | ≤ 329 kg/t of TiO2 pigment |

***b) More than one type of ore is used and their proportions are specified:***

The following types of ore are used in the following proportions:

|  |  |  |  |
| --- | --- | --- | --- |
|  | Natural rutile ore |  | % |
|  | Synthetic rutile ore |  | % |
|  | Slag ore |  | % |

|  |  |  |  |
| --- | --- | --- | --- |
| Chloride wastes | | [kg/t of TiO2 pigment] | Target value: |
|  | If more than one type of ore is used  **with the proportions specified:** |  | kg/t of TiO2 pigment\* |

\* If more than one type of ore is used the values apply in proportion to the quantity of the individual ore types used. Please indicate the calculated target value.

***c) More than one type of ore is used and their proportions are NOT specified:***

If the proportions are not specified the target value forms the basis by analogy with the use of natural rutile ore:

|  |  |  |  |
| --- | --- | --- | --- |
| Chloride wastes | | [kg/t of TiO2 pigment] | Target value: |
|  | If more than one type of ore is used  **without specification of proportions**: |  | ≤ 103 kg/t of TiO2 pigment |

**Information on the Chloride Process:**

SOx emissions apply to the sulphate process only.

The definition of waste can be seen from Article 3 of the Waste Framework Directive 2008/98/EC of the European Parliament and of the Council. If the manufacturer of titanium dioxide can satisfy Article 5 (by-product production) of the Waste Framework Directive for solid wastes these wastes shall be exempt.

Amount of the chlorine by-products that may be exempted:  kg per ton of TiO2 pigment.

Remarks:

|  |
| --- |
|  |

**For direct presentation of the declaration to RAL gGmbH please use the following data:**

RAL gGmbH

z. H. Frau Dr. Rimkus

Fränkische Str. 7

53229 Bonn

[andrea.rimkus@ral.de](mailto:andrea.rimkus@ral.de)

0228/68895-146

|  |  |  |  |
| --- | --- | --- | --- |
| **Place:** |  |  |  |
|  |  |  |
| **Date:** |  |  |

**Authorized signature / Company stamp**