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| **Annex 8 to the contract**  **according to DE-UZ 223  THIS ANNEX IS FOR: Pulp producer** | **Please only use this form!** |

**Environmental label for “Thermal paper”**

|  |  |
| --- | --- |
| **Pulp producer:**  (Please state the full address for the production plant) |  |
| **Paper manufacturer:**  (Please state the full address for the production plant) |  |
| **Product description** |  |

**3.3.2 Emissions to waste water in the production of the pulp**

I hereby declare that in the production of the pulp there are the following emissions to waste water:

* Chemical oxygen demand (COD) in kg O[[1]](#footnote-1) per air dry tonne[[2]](#footnote-2)   
  Proportion of chemically oxidising organic compounds in the waste water (usually based on analyses using dichromate oxidation) given as O

COD:  kg/t

* Total nitrogen content in kg N per air dry tonne   
  Total-N (Total nitrogen, Tot-N), given as N. This includes organic nitrogen, free ammonia and ammonium (NH4+-N), nitrites (NO2--N) and nitrates (NO3--N).

N:  kg/t

* Total phosphorous content in kg P per air dry tonne   
  Total-P (Tot-P), given as P. This includes both dissolved phosphorous and also undissolved phosphorous which enters the waste water in the form of precipitates or microorganisms.

P:  kg/t

**3.3.3 Emissions to air in the production of the pulp**

I hereby declare that in the production of the pulp there are the following emissions to air:

* Gaseous sulphur compounds (sulphur) in kg S per air dry tonne

Total reduced sulphur (TRS): Sum of the following reduced bad-smelling sulphur compounds released during the production of the pulp: hydrogen sulphide, methyl mercaptan, dimethyl sulphide and dimethyl disulfide, given as S, plus sulphur dioxide (SO2), given as S

S:  kg/t

* Nitrogen oxide (NOx) in Kg NOx per air dry tonne

Sum of nitrogen oxide (NO) and nitrogen dioxide (NO2), given as NO2.

NOx:  kg/t

* Dust emissions (dust) in kg dust per air dry tonne

Sum of the dust emissions at the recovery boiler and lime kiln, given as dust Solid particles of any form, structure or thickness that are dispersed during the gas phase and remain upstream of a defined filter after drying under specified conditions. According to DIN EN 13284 - 1.

Dust:  kg/t

**3.3.4 Bleaching process used in the production of the pulp**

I hereby declare that in the production of the pulp the following requirements are fulfilled in the bleaching process:

* The pulp is not bleached using elementary chlorine.
* A total chlorine free (TCF) process is preferred for the bleaching process, although an elemental chlorine free (ECF) process is permitted. In this case, the specific amount of bleaching agent consumed, expressed as an annual average, is stated in kilograms of ClO2 per air dry tonne. The adsorbable organically combined halogens (AOX) are measured in the waste water. The annual average for the measured AOX emissions to waste water exceeds a value of 0.12 kg AOX per air dry tonne.

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| *Which bleaching process is used?* |  |
| Total chlorine free bleaching |  |
| Elemental chlorine free bleaching |  |
| No bleaching process |  |

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| --- | --- | --- | --- |
| **Location:** |  |  |  |
|  |  |  |
| **Date:** |  |  |

**Legally binding signature**

**of the pulp producer (company stamp)**

1. O stands for oxygen [↑](#footnote-ref-1)
2. air dry: air dried pulp [↑](#footnote-ref-2)