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| **Annex 1c to the Contract**  **pursuant to RAL-UZ 195** | **Please only use**  **this form!** |

**Environmental label for "Printed Matter"**

|  |  |
| --- | --- |
| **Applicant (label holder):**  (full address) |  |
|  |  |
| **Trade name of the product /**  **Description of the product group:** |  |
|  | |

**Declaration by the applicant - rotogravure printing**

| **Section** | **Declarations/Compliance Verifications** | | | **Please complete the appropriate sections!** |
| --- | --- | --- | --- | --- |
| **3.8.** | **Requirements for emissions of organic solvents** | | |  |
| **3.8.6.** | **Emissions of volatile organic compounds in rotogravure printing** | | |  |
|  | The toluene in the waste gas is regenerated. | | |  |
|  | The emissions from the regeneration plant are continuously measured. | | |  |
|  | The emissions are  mg C/Nm3.[[1]](#footnote-1) | | |  |
|  | A corresponding measurement report about the emissions in the waste gas is enclosed with the application. | | | **Annex 15** |
|  | The 12 monthly average for the quantity of toluene purchased **E**[[2]](#footnote-2) is:  kg/a | | |  |
|  | The 12 monthly average for the amount of toluene as an emission in the waste gas (**Z**2) is:  kg/a | | |  |
|  | The amount of toluene contained in properly disposed of waste (**A**2) is:  kg/a | | |  |
|  | The 12 monthly average for the amount of toluene recovered and sold for reuse (**R** and/or **L**2) is:  kg/a | | |  |
|  | The total emissions of volatile organic compounds **G**2 =**E** - **Z** - **A** - **R - L** is:  kg/a | | |  |
|  | The 12 monthly average for the total emissions of volatile organic compounds as a proportion of the solvents used is %. | | |  |
|  | A solvent balance in accordance with the Solvent Ordinance (31st Federal Immission Control Act (BImSchV)) is enclosed with the application. | | | **Annex 14** |
|  | The 12 monthly average for the amount of paper purchased and provided **P1**2 is:  t/a | | |  |
|  | The key figure for the quantity2  is[[3]](#footnote-3): | kg/t | |  |
|  | The 12 monthly average for the surface area of the paper purchased and provided **P2**2 is:  m2/a | | |  |
|  | The key figure for the surface area2is: | | kg/m2 |  |
|  | Certificates for the amount of paper purchased and provided are enclosed with the application. | | | **Annex 11** |
|  | Certificates for the purchased quantities of the named products contained in the solvents are enclosed with the application. The values are also stated in Annex 6. | | | **Annex 12** |
|  | The emissions of toluene in the ready-to-deliver printed matter are  mg/kg of printed matter[[4]](#footnote-4). | | |  |
|  | A test certificate in accordance with the "COWI II test method for determining toluene emissions from printed matter"[[5]](#footnote-5) is enclosed with the application. | | | **Annex 16** |
|  | The measurement uncertainty is a maximum of 15%. | | |  |
| **3.8.8.** | **Emissions of chromium VI in wastewater in rotogravure printing** | | |  |
|  | The treatment of the wastewater containing chromium waste is carried out in batches separately to other wastewater. | | |  |
|  | The concentration of chromium VI in the wastewater after the chromium treatment process and before mixing with other wastewater in the eligible samples was , , ,  and  mg/l.[[6]](#footnote-6) | | |  |
|  | The measurement is carried out every 2 years. | | |  |
|  | The latest three measurement reports for the concentration of chromium VI in the wastewater are enclosed with the application. | | | **Annex 17** |
|  | The content of chromium VI in every batch is additionally monitored by internal inspections. | | |  |
|  | The wastewater treatment system is fitted with a final filter (e.g. consisting of an activated carbon or an ion exchanger) to hold back surfactants added to the chrome bath for the purposes of occupational safety. | | |  |

**Annexes to the contract pursuant to RAL-UZ 195**

Please attach Annexes 11, 12 and 14 to 17 to the application documentation:

|  |  |
| --- | --- |
| * + Annex 11: | Certificates for the amount of paper purchased and provided. |
| * + Annex 12: | Certificates for the purchased quantity of the named solvents contained in the product. |
| * + Annex 14: | Solvent balance in accordance with the Solvent Ordinance (31st Federal Immission Control Act (BImSchV). |
| * + Annex 15: | Measurement report on the emissions in the waste gas. |
| * + Annex 16: | Test certificate in accordance with the "COWI II test method for determining toluene emissions from printed matter". |
| * + Annex 17: | Measurement report for the concentration of chromium VI in the wastewater. |

|  |  |  |
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| Location: |  |  |
| Date: |  |
|  | | (Legally binding signature and company stamp) |

1. Limit value ≤ 20 mg C/Nm3. [↑](#footnote-ref-1)
2. See Annex 2. [↑](#footnote-ref-2)
3. Limit value for rotogravure printing: Key figure for the quantity ≤ 2 kg/t. [↑](#footnote-ref-3)
4. Limit value ≤ 300 mg/kg of printed matter. [↑](#footnote-ref-4)
5. See Annex 3. [↑](#footnote-ref-5)
6. Limit value 0.08 mg/l (no utilisation of the 4 out of 5 rule) [↑](#footnote-ref-6)