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

**Environmental label for "Printed Matter"**

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

**Declaration by the applicant**

| **Section** | **Declarations/Compliance Verifications** | | | **Please complete the appropriate sections!** |
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| **3.8.** | **Requirements for emissions of organic solvents** | | |  |
| **3.8.1.** | **Cleaning agents, rubber blanket regeneration agents and other auxiliary printing substances in offset printing processes** | | |  |
|  | A declaration from the manufacturer of the cleaning agent, rubber blanket regeneration agent and other auxiliary printing substances is enclosed with the application. | | | **Annex 7** |
| **3.8.2.** | **Cleaning of machines and machine parts in offset printing** | | |  |
|  | All of the cleaning and rubber blanket regeneration agents used have a flash point of at least 100 °C. | | |  |
|  | All of the cleaning and rubber blanket regeneration agents used have a flash point of at least 55 °C. | | |  |
|  | At least one of the cleaning and rubber blanket regeneration agents used for the **automatic cleaning system** has a flash point less than 100°C. | | |  |
| or | • A justification for why cleaning agents with a flash point of at least 100°C cannot be used is enclosed with the application. | | | **Annex 9** |
| • An explanation of the reasons why it is not possible to use cleaning agents with a flash point of at least 100°C is enclosed with the application. | | | **Annex 9** |
|  | At least one of the cleaning and rubber blanket regeneration agents used for **manual cleaning** has a flash point less than 100°C. | | |  |
| or | • A declaration that cleaning agents with a flash point of at least 100°C were not successful in the corresponding tests is enclosed with the application. | | | **Annex 9** |
| • An explanation of the reasons for deciding against the use of cleaning agents with a flash point of at least 100°C is enclosed with the application. | | | **Annex 9** |
| **3.8.3.** | **Dampening solution additives in offset printing processes** | | |  |
|  | The isopropanol or ethanol content in the dampening solution is set to       % by volume. | | |  |
|  | In order to enable a reduction in alcohol, correspondingly designed rollers and dampening solution additives are used. | | |  |
|  | The volatile organic compound (VOC) content in the following dampening solution additives is less than 10 % by mass: | | |  |
|  | The volatile organic compound (VOC) content in the following dampening solution additives is 10 % or more by mass: | | |  |
|  | • A justification for why the (VOC) content is 10 % or more is enclosed with the application. | | | **Annex 10** |
|  | A corresponding declaration from the manufacturer of the dampening solution additives is enclosed with the application. | | | **Annex 7** |
|  | When using heatset web offset printing machines and sheet-fed offset printing machines with four or more ink or coating units: | | |  |
|  | Continuous monitoring of the isopropanol or ethanol content | | |  |
| or | • an infra-red measurement system is available. | | |  |
| • an ultrasonic measurement system is available. | | |  |
| **3.8.5.** | **Emissions of volatile organic compounds in heatset web offset printing** | | |  |
| or | The waste gases from the dryer are continuously measured. | | |  |
| The emissions are  mg C/Nm3.[[1]](#footnote-1) | | |  |
| The waste gases from the dryer were measured continuously for a time period of 10 days. | | |  |
| or | The emissions were  mg C/Nm3.[[2]](#footnote-2) | | |  |
| • The emissions from the corresponding individual measurements did not exceed a maximum of  mg C/m3.[[3]](#footnote-3) | | |  |
|  | A measurement report about the waste gases from the dryer is enclosed with the application. | | | **Annex 13** |
|  | A solvent balance in accordance with the Solvent Ordinance (31st Federal Immission Control Act (BImSchV)) is enclosed with the application. | | | **Annex 14** |
|  | The annual average figure for the diffuse emissions of volatile organic compounds is % of the solvents used.[[4]](#footnote-4) | | |  |
|  | The 12 monthly average for the quantity of volatile solvents purchased **E**[[5]](#footnote-5) is:  kg/a | | |  |
|  | The 12 month average for the sum of **Z**, **A**, **R** and **L**5 is:       kg/a | | |  |
|  | The 12 month average for the total emissions **G**5 = E - (Z + A + R + L) is:       kg/a | | |  |
|  | The 12 monthly average for the amount of paper purchased and provided **P1**5 is:  t/a | | |  |
|  | The key figure for the quantity5  is[[6]](#footnote-6): | kg/t | |  |
|  | The 12 monthly average for the surface area of the paper purchased and provided **P2**5 is:  m2/a | | |  |
|  | The key figure for the surface area5 is: | | 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** |
| **3.9.2.** | **Development** | | |  |
|  | In the development of offset printing plates, the developer fluid is regenerated in the machine. | | |  |
| **3.11.4.** | **Heatset web offset dryer** | | |  |
|  | Documentation of the examination of the energy concept and a catalogue of measures are enclosed with the application. | | | **Annex 27** |

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

Please attach Annexes 7, 9-14 and 27 to the application documentation:

|  |  |
| --- | --- |
| * + Annex 7: | Declaration from the chemical manufacturers/suppliers (printed form). |
| * + Annex 9: | Declaration from the applicant about the use of cleaning and rubber blanket regeneration agents if they have a flash point < 100°C. |
| * + Annex 10: | Declaration from the applicant about the use of dampening solution additives if the VOC content is greater than 10% by mass. |
| * + 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 13: | Measurement report about the waste gases from the dryer. |
| * + Annex 14: | Solvent balance in accordance with the Solvent Ordinance (31st Federal Immission Control Act (BImSchV). |
| * + Annex 27: | Documentation of the examination of the energy concept for heatset web offset dryers including a catalogue of measures. |

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

1. Limit value ≤ 20 mg C/Nm3. [↑](#footnote-ref-1)
2. Limit value ≤ 15 mg C/m3. [↑](#footnote-ref-2)
3. Limit value ≤ 5 mg C/m3. [↑](#footnote-ref-3)
4. Limit value ≤ 20%. [↑](#footnote-ref-4)
5. See Annex 2. [↑](#footnote-ref-5)
6. Limit value for heatset web offset printing: Key figure for the quantity ≤ 2 kg/t. [↑](#footnote-ref-6)