



Industrie Service

Test report

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Sound level measurements for the determination of sound power levels of Waste-Glass-Containers converted with „Anti-Noise-LärmDämmSystem“ according to RAL-UZ 21 (04/2003) in combination with Directive 2000/14/EC



DAP-PL-2885.99

Container type: **Waste-Glass-Container
Igloo Leader**

Client: **EHG Dienstleistungs GmbH
Sondermoninger Straße 5
83339 Chieming**

Date of order: **27.10.2007**

Order-Reference: **Herr Schimmelpfennig**

Test subject: **Noise level measurements**

Order-No.: **801395**

Report-No.: **F3/94**

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1 pages und one page annex
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The test results refer exclusively
on the tested objects.

**The following results do not refer subject to noise marking for waste-glass-
containers placed in the market according to directive 2000/14/EC**

Measurement method according to para. 4 of RAL-UZ 21

Cycle: Throwing of 120 bottles into an empty container. Measurement for each bottle when being thrown into the container simultaneously at 6 microphone positions.

Quantity to be measured: Single-event sound pressure level L_{p1s}

Target quantity: Sound power level L_{WAAd}

Guaranteed sound power level $L_{WAAd} = \text{Measured sound power level } L_{WA} + \text{Measurement uncertainty } K$

Number of tested containers of one type: 1

Resulting sound power levels: $L_{WA} = 83,5 \text{ dB(A)}$

Statistical procedure for measurement uncertainty K: **Single measurement according to appendix of RAL-UZ 21**

Measurement uncertainty K: $K = 3 \text{ dB}$

Result:

Container Type	„Guaranteed“ Sound Power Level $L_{WAAd,SEL}$
Waste-Glass-Container Igloo Leader	87

Munich, 08.11.2007
TÜV SÜD Industrie Service GmbH
Environmental Service
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Expert Noise/Vibration

gez. P. Thaler

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