



NATIONAL INSTITUTE FOR NBC PROTECTION
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CALIBRATION LABORATORY no. KL 2265
Certified Czech Accreditation Institute according
ČSN EN ISO/IEC 17025:2005

CALIBRATION REPORT no. 6200

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| Client | IGU Institut für angewandte Isotopen-, Gas- und Umweltuntersuchungen Wörthseestrasse 34 a 82237 Wörthsee tel: 08143 8583 mobile: 0172 823 79 72 e-mail: sav.igu@t-online.de |
| Client's representative person | Dr. J. Salvamoser |
| Calibrated device | Radon Eye RD 200, Production Number: RD21910220155 |
| Date of device receiving | 20.1.2020 |
| Date of the calibration | 20.- 22.1.2020 |
| Location of calibration | Calibration laboratory - radon chamber |
| Personnel | M.ENG. J.Vošahlík |
| Standard device | Equipment for radon concentration calibration 19182 |
| Methodology specification | AMS-R (measurement of Radon Concentration) |

DECLARATION:

The result of calibration apply to the device of these calibrated device only.

The report shall not be reproduced except in full, without the written permission of the laboratory.

Calibration report is not valid without stamp and signature.

Calibration report was issued after accreditation of laboratory by Czech Institute for accreditation – reg. no. KL 2265.

Calibration report is closed by the signature of the head of laboratory.

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| Ref. No.: SÚJCHBO/209/J-4.5.3/20/Voš | Issue No.: 1 – Client | Page: 1 |
| Calibration Report Issued on: 27.1.2020 | Issue No.: 2 – Calibration lab. | No. of pages: 2 |



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| | |
|-----------------------|--|
| Client (device owner) | IGU, Wörthseestr. 34 a, Wörthsee |
| Device | Radon Eye RD 200 |
| Device producer | Radon FTlab, South Korea |
| Device S/N | RD21910220155 |
| Device function | Ionisation chamber for continuous Radon measurement. |

Results:

| Level | Client's results [Bq.m ⁻³] | Calibration lab's results [Bq.m ⁻³] |
|-------|---|--|
| 1 | 1385 | 1273 ± 89 |
| 2 | 456 | 385 ± 26 |

Ratio of result (related to Calibration laboratory) is:

1,09 (for level 1),

1,18 (for level 2).

Remarks:

Calibration laboratory is traceable to BfS Berlin, Germany.

Uncertainty of Calibration laboratory was estimated using document SMS-N-R-T and using coefficient $k=2$ (for Gaussian distribution it corresponds 95 per cent probability covering). Standard uncertainty was estimated in accordance with document EA 4/02.

M.ENG. Josef Vošahlík

Head of Calibration laboratory no. KL 2265



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