

Deutsche Akkreditierungsstelle GmbH  
German Accreditation Body

Annex to the Accreditation Certificate D-K-15049-01-00  
according to DIN EN ISO/IEC 17025:2005

Period of validity: 22.02.2011 to 21.02.2016

Holder of certificate:

IBA Dosimetry GmbH  
Bahnhofstr. 5, 90592 Schwarzenbruck

Head: Dipl.-Ing. František Gábriš  
Deputy: Dipl.-Ing. Pavol Pribylský  
Dr. rer. nat. Jozef Zeman

Accredited since: 13.03.2006

Calibrations in the fields:

**electrical quantities:**

- DC and low frequency quantities

**ionising radiation and radioactivity:**

- dosimetry
- radiation protection

**Annex to the accreditation certificate D-K-15049-01-00**

**Permanent Laboratory**

Measured quantity / Calibration item	Range	Measurement conditions / procedure	Best measurement capability <sup>1)</sup>	Remarks
Air kerma rate	1 mGy/min to 200 mGy/min 100 mGy/min to 5 Gy/min	40 kV to 280 kV Cobalt 60	1,3 % 1,1 %	
Air kerma	1 mGy to 10 Gy 100 mGy to 20 Gy	40 kV to 280 kV Cobalt 60	1,3 % 1,1 %	
Absorbed dose rate to water	5 mGy/min to 100 mGy/min 1 mGy/min to 300 mGy/min 100 mGy/min to 5 Gy/min	20 kV to 100 kV 120 kV to 280 kV Cobalt 60	3,5 % 3,8 % 1,2 %	
Absorbed dose to water	5 mGy to 3 Gy 1 mGy to 5 Gy 100 mGy to 20 Gy	20 kV to 100 kV 120 kV to 280 kV Cobalt 60	3,5 % 3,8 % 1,2 %	
DC current	1 pA to 19,9 pA		0,5 %	
Measuring instruments	20 pA to 199 pA		0,3 %	
	0,2 nA to 199 nA		0,2 %	

<sup>1)</sup> The best measurement capabilities are stated according to DAKKS-DKD-3 (EA-4/02). These are expanded uncertainties of measurement with a coverage probability of 95 % and have a coverage factor of  $k = 2$  unless stated otherwise. Uncertainties without unit are relative uncertainties referring to the measurement value unless stated otherwise.