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5. DAE & Probe Calibration certificate

Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst S Service suisse d'étalonnage C Servizio svizzero di taratura Swiss Calibration Service

Accredited by the Swiss Federal Office of Metrology and Accreditation The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

SGS (Auden) Client

Certificate No: DAE4-547_Oct07

Accreditation No.: SCS 108

Object	DAE4 - SD 000 D04 BA - SN: 547				
Calibration procedure(s)	QA CAL-06.v12 Calibration procedure for the data acquisition electronics (DAE)				
Calibration date:	October 1, 2007				
Condition of the calibrated item	In Tolerance				
The measurements and the uncert	tainties with confidence pro	anal standards, which realize the physical un obability are given on the following pages an ϕ facility: environment temperature (22 ± 3)°0	nd are part of the certificate.		
Calibration Equipment used (M&TE					
Primary Standarde	ID#	Cal Date (Calibrated by, Certificate No.)	Scheduled Calibration		
Fluke Process Calibrator Type 702		13-Oct-06 (Elcal AG, No: 5492) 03-Oct-06 (Elcal AG, No: 5478)	Oct-07 Oct-07		
Fluke Process Calibrator Type 702 Keithley Multimeter Type 2001	SN: 6295803 SN: 0810278	13-Oct-06 (Elcal AG, No: 5492) 03-Oct-06 (Elcal AG, No: 5478)	Oct-07		
Fluke Process Calibrator Type 702 Keithley Multimeter Type 2001 Secondary Standards	SN: 6295803	13-Oct-06 (Elcal AG, No: 5492) 03-Oct-06 (Elcal AG, No: 5478) Check Date (in house)	Oct-07		
Primary Standards Fluke Process Calibrator Type 702 Keithley Multimeter Type 2001 Secondary Standards Calibrator Box V1.1	SN: 6295803 SN: 0810278	13-Oct-06 (Elcal AG, No: 5492) 03-Oct-06 (Elcal AG, No: 5478) Check Date (in house)	Oct-07 Oct-07 Scheduled Check		
Fluke Process Calibrator Type 702 Keithley Multimeter Type 2001 Secondary Standards	SN: 6295803 SN: 0810278	13-Oct-06 (Elcal AG, No: 5492) 03-Oct-06 (Elcal AG, No: 5478) Check Date (in house)	Oct-07 Oct-07 Scheduled Check In house check Jun-08		
Fluke Process Calibrator Type 702 Keithley Multimeter Type 2001 Secondary Standards	SN: 6295803 SN: 0810278 ID # SE UMS 006 AB 1004	13-Oct-06 (Elcal AG, No: 5492) 03-Oct-06 (Elcal AG, No: 5478) Check Date (in house) 25-Jun-07 (SPEAG, in house check)	Oct-07 Oct-07 Scheduled Check In house check Jun-08		
Fluke Process Calibrator Type 702 Keithley Multimeter Type 2001 Secondary Standards Calibrator Box V1.1	SN: 6295803 SN: 0810278 ID # SE UMS 006 AB 1004	13-Oct-06 (Elcal AG, No: 5492) 03-Oct-06 (Elcal AG, No: 5478) Check Date (in house) 25-Jun-07 (SPEAG, in house check)	Oct-07 Oct-07 Scheduled Check In house check Jun-08		

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Calibration Laboratory of Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura **Swiss Calibration Service**

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Accreditation No.: SCS 108

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Certificate No: DAE4-679_Apr07 Client Auden **CALIBRATION CERTIFICATE** DAE4 - SD 000 D04 BA - SN: 679 Object QA CAL-06.v12 Calibration procedure(s) Calibration procedure for the data acquisition electronics (DAE) April 20, 2007 Calibration date: Condition of the calibrated item In Tolerance This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3)°C and humidity < 70%. Calibration Equipment used (M&TE critical for calibration) Cal Date (Calibrated by, Certificate No.) Scheduled Calibration Primary Standards ID# Oct-07 Fluke Process Calibrator Type 702 SN: 6295803 13-Oct-06 (Elcal AG, No: 5492) Keithley Multimeter Type 2001 SN: 0810278 03-Oct-06 (Elcal AG, No: 5478) Oct-07 Scheduled Check Check Date (in house) Secondary Standards In house check Jun-07 Calibrator Box V1.1 SE UMS 006 AB 1002 15-Jun-06 (SPEAG, in house check) Function Name Signature Calibrated by: Eric Hainfeld Technician Approved by: Fin Bomholt R&D Director iv. Bo lumer Issued: April 20, 2007 This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





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SGS KES (Dymstec)

Certificate No: DAE3-567_Sep06

Accreditation No.: SCS 108

Object	DAE3 - SD 000 D03 AA - SN: 567				
Calibration procedure(s)	QA CAL-06.v12 Calibration procedure for the data acquisition electronics (DAE)				
Calibration date:	September 22, 2006				
Condition of the calibrated item	In Tolerance				
The measurements and the uncertable measurements and the uncertable measurements and the uncertable measurements.	ainties with confidence pro	nal standards, which realize the physical units obability are given on the following pages and a facility: environment temperature $(22\pm3)^{\circ}$ C at	are part of the certificate.		
Calibration Equipment used (M&TE					
Primary Standards	ID# SN: 6295803	Cal Date (Calibrated by, Certificate No.) 7-Oct-05 (Sintrel, No.E-050073)	Scheduled Calibration Oct-06		
luke Process Calibrator Type 702	GIV. 0233003	7-Oct-05 (Sintrel, No.E-050075)	OC1-06		
	ID#		Scheduled Check		
Fluke Process Calibrator Type 702 Secondary Standards Calibrator Box V1.1	ID#	Check Date (in house) 15-Jun-06 (SPEAG, in house check)			
Secondary Standards	ID#	Check Date (in house)	Scheduled Check		
secondary Standards	ID# SE UMS 006 AB 1002	Check Date (in house) 15-Jun-06 (SPEAG, in house check)	Scheduled Check In house check Jun-07		
secondary Standards salibrator Box V1.1	ID#	Check Date (in house)	Scheduled Check In house check Jun-07		
secondary Standards	ID# SE UMS 006 AB 1002	Check Date (in house) 15-Jun-06 (SPEAG, in house check) Function	Scheduled Check In house check Jun-07		

Certificate No: DAE3-567_Sep06

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Calibration Laboratory of Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





C

Accreditation No.: SCS 108

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Client

SGS (Auden)

Certificate No: EX3-3526 Aug07

lient 3G3 (Auden)			tte No: EX3-3320_Augu!		
CALIBRATION	CERTIFICAT	(2)			
Object	EX3DV3 - SN:3526				
Calibration procedure(s)	QA CAL-01.v6 Calibration procedure for dosimetric E-field probes				
Calibration date:	August 29, 200	7			
Condition of the calibrated item	In Tolerance				
All calibrations have been conducted and Calibration Equipment used (M&Calibration Equipment used (M		ory facility: environment temperature (22 ±	: 3)°C and humidity < 70%.		
Primary Standards	ID#	Cal Date (Calibrated by, Certificate No	o.) Scheduled Calibration		
Power meter E4419B	GB41293874	29-Mar-07 (METAS, No. 217-00670)	Mar-08		
Power sensor E4412A	MY41495277	29-Mar-07 (METAS, No. 217-00670)	Mar-08		
Power sensor E4412A	MY41498087	29-Mar-07 (METAS, No. 217-00670)	Mar-08		
Reference 3 dB Attenuator	SN: S5054 (3c)	8-Aug-07 (METAS, No. 217-00719)	Aug-08		
Reference 20 dB Attenuator	SN: S5086 (20b)	29-Mar-07 (METAS, No. 217-00671)	Mar-08		
Reference 30 dB Attenuator	SN: S5129 (30b)	8-Aug-07 (METAS, No. 217-00720)	Aug-08		
Reference Probe ES3DV2	SN: 3013	4-Jan-07 (SPEAG, No. ES3-3013_Jar			
DAE4	SN: 654	20-Apr-07 (SPEAG, No. DAE4-654_A	pr07) Apr-08		
Secondary Standards	ID#	Check Date (in house)	Scheduled Check		
RF generator HP 8648C	US3642U01700	4-Aug-99 (SPEAG, in house check No			
Network Analyzer HP 8753E	US37390585	18-Oct-01 (SPEAG, in house check O			
	Name	Function	Signature		
Calibrated by:	Katja Pokovic	Technical Manager	Le KI		
Approved by:	Niels Kuster	Quality Manager	1/100		
		n full without written approval of the labora	Issued: August 29, 2007		

Certificate No: EX3-3526_Aug07

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