SWEDAC
Styrelsen för ackreditering och teknisk kontroll
Swedish Board for Accreditation and Conformity Assessment

Appendix 2

Date: 2020-06-23

Reference: 2020/1195

Scope of accreditation

Calibration laboratory

RISE Research Institutes of Sweden AB | Borås | Accreditation number | 1002

Kemi, biomaterial och textil | *A002626-004*

Chemistry and Biology

Technology area	*Parameter*	*Method*	*Material*	*Measure*	*Best measuring ability (CMC) +/-*	*Technique*	*Flex*	*Field*
Air and smoke emission analysis	Carbon dioxide, CO2	Inhouse method; SP Metod 5319:1	Gas detector	0,002-20 %	2,2 %		No	Yes
	Carbon dioxide, CO2	Inhouse method; SP Metod 5319:1	Gas detector	10-2000 ppm	2,2 %		No	Yes
	Carbon monoxide, CO	Inhouse method; SP Metod 5319:1	Gas detector	2-100 ppm	2,2 %		No	Yes
	Helium, He	Inhouse method; SP Metod 5319:1	Gas detector	0,001-50 %	2,2 %		No	Yes
	Hydrogen sulfide, H2S	Inhouse method; SP Metod 5319:1	Gas detector	1-25 ppm	2,2 %		No	Yes
	Hydrogen, H2	Inhouse method; SP Metod 5319:1	Gas detector	20-5000 ppm	2,2 %		No	Yes
	Methane, CH4	Inhouse method; SP Metod 5319:1	Gas detector	0,001-4 %	2,2 %		No	Yes
	Nitric oxide, NO/Nox	Inhouse method; SP Metod 5319:1	Gas detector	2-1000 ppm	2,2 %		No	Yes
	Nitrogen monoxide, NO	Inhouse method; SP Metod 5319:1	Gas detector	2-1000 ppm	2,2 %		No	Yes
	Nitrous oxide, N2O	Inhouse method; SP Metod 5319:1	Gas detector	8-800 ppm	2,2 %		No	Yes
	Oxygen, O2	Inhouse method; SP Metod 5319:1	Gas detector	0,1-100 %	2,2 %		No	Yes

Technology area	*Parameter*	*Method*	*Material*	*Measure*	*Best measuring ability (CMC) +/-*	*Technique*	*Flex*	*Field*
Air and smoke emission analysis	Propane, C3H8	Inhouse method; SP Metod 5319:1	Gas detector	0,001-2 %	2,2 %		No	Yes
	Residual oxygen, O2	Inhouse method; SP Metod 5319:1	Gas detector	4-1000 ppm	2,2 %		No	Yes
	Sulfur dioxide, SO2	Inhouse method; SP Metod 5319:1	Gas detector	2-500 ppm	2,2 %		No	Yes
	Sulfur hexafluoride, SF6	Inhouse method; SP Metod 5319:1	Gas detector	0,001-4 %	2,2 %		No	Yes

Electricity and Magnetism

Technology area	*Parameter*	*Method*	*Material*	*Measure*	*Best measuring ability (CMC) +/-*	*Technique*	*Flex*	*Field*
Conductivity		**Inhouse method; SP 2967 -6**	**Instrument for conductivity**	**0,06 - 0,2 µS/cm**	**10 %**		**No**	**Yes**
		Inhouse method; SP 2967 -6	Instrument for conductivity	0,2 - 10 µS/cm	2 %		No	Yes
		Inhouse method; SP 3489 -7	**Instrument for conductivity**	**1,406 - 12,80 mS/cm**	**0,6 %**		**No**	**Yes**
		Inhouse method; SP 3489 -7	**Instrument for conductivity**	**10 - 1406 µS/cm**	**2 %**		**No**	**Yes**
		Inhouse method; SP 3489 -7	**Instrument for conductivity**	**108,43 - 202,90 mS/cm**	**0,4 %**		**No**	**Yes**
		Inhouse method; SP 3489 -7	**Instrument for conductivity**	**12,80 - 108,43 mS/cm**	**0,4 %**		**No**	**Yes**

Calibration and measurement capability, CMC, is the smallest uncertainty the calibration laboratory can provide, expressed as the expanded uncertainty having a coverage probability of approximately 95%.