


Manual for certification of sludge

2.4.1 Control and calibration of laboratory equipment

Municipality of Höganäs

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 HÖGANÄS KOMMUN SAMHÄLLSBYGGNADSFÖRVALTNINGEN	Manual for certification of sludge	Revised:	2013-10-03
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2.4.1	Control and calibration of laboratory equipment	Approved by:	Fredrik Arthursson
		Established by:	Marianne Gleisner
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1. Purpose

To ensure measurement accuracy.

2. Range

This practice covers procedures for sampling of incoming and outgoing wastewater and sludge.



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3. Supervisor

Laboratory Technician

4. Instruction

4.1. Fixtures

Samplers checked each time the samples are taken, and that the temperature of the refrigerators is +4-6 °. This is performed by a technician or laboratory technician.

The sampler is cleaned once a month or more often if necessary. Calibration is done every three months. This is performed by a technician and / or laboratory technician.

pH meter is to be calibrated every three months. A three-point calibration of pH 4, 7 and 10 are performed by laboratory technicians, who also check that the buffer solutions are fresh.

Maintenance and calibration of pipettes are to be performed by a laboratory technician once every three months.

All maintenance of samplers and measuring devices are recorded in a protocol available in a binder labeled "Underhåll provtagning mätutrustning". The binder is located in the binder cabinet in the lab.

5. References

Binder "Underhåll provtagning mätutrustning".

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Latest version of this document is stored in the binder "Manual for Certification of Sewage Sludge."

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