**Rules – Furnace room – Ø-131**

* **Only approved users are authorized to use the furnace room.**
* **All experiments (annealing and calcination) of samples containing Hg, As, Bi, Cd, Pb, Tl, are forbidden. For samples with other highly volatile cation species (e.g. alkali elements) that are likely to evaporate, please make contact to laboratory responsible prior to the use of the furnaces.**
* Muffles 1 – 6 (open access)
* Muffles 1-3 **no** calcination/decomposition experiments; for annealing/firing only
* Muffles 4-6 for calcination/decomposition experiments (located inside hood)
* Follow programming instructions

* HT 1 – 3 (restricted access)
* Follow both lower and upper temperature restrictions carefully
* Follow equipment specific procedures
* Tubes 12 – 19 (restricted access)
* Follow equipment specific procedures for temperature control and atmosphere
* Do not modify the thermocouple, gas or regulator setup
* On-line reservation of furnace access (<https://www.mn.uio.no/kjemi/english/research/about/infrastructure/tools/>)

- Max 7 days reservation per furnace

* Registering of experiments in furnace journals; the minimum information is:
* Sample composition (elements)
* User
* Experimental conditions (temperature program including time in use)
* The room should be tidy at all time. This means:

Clean up any mess during/after use

* For any questions or concerns, contact:
* Asbjørn S. Fjellvåg (Ø-140; asbjorsf@student.matnat.uio.no)
* Chris Thomas (Ø-138; c.i.thomas@smn.uio.no)
* Anja O. Sjåstad (Ø-130; a.o.sjastad@kjemi.uio.no).