

Usage regulations for the magnetic resonance department

General

These usage regulations are binding for every user of the NMR spectrometers.

The contravention of these regulations can lead to the prohibition of the measuring permission.

Every user is obligated to participate in the annual safety briefing, which he has to confirm by his personal signature. Otherwise, the measuring allowance will be stroken off.

Every user of the automation has to be instructed by one of the NMR co-workers before setting up the very first sample. An instruction by colleagues or other non-authorized persons is prohibited.

Every user receives a username and password, which he has to keep secret from third parties.

Every NMR sample tube has to be tagged using the appropriate formular from the intranet. After the measurement finished, the sample tube AND the tag have to be removed immediately. Sample tubes which have not been tagged or removed after the measurement will be cleared by one of the NMR co-workers.

Every user has to register his sample by entering the appropriate information on the list.

Every maintenance (i. e. refilling of N₂ and/or He, shimming, etc.) has priority over measurements.

Entering the NMR lab and operating the spectrometers while wearing gloves is prohibited.

The further usage of a defective device has to be prevented by closing the magnet bore with the provided cap, leaving a message on the PC keyboard and notifying one of the NMR co-workers immediately.

Nobody except the NMR co-workers is allowed to touch the console electronics or probeheads.

Every breakage of glass within the 0,5 mT / 5 G area has to be communicated to one of the NMR co-workers immediately. Otherwise, this will be punished as a severe violation of these usage regulations.

Regulations of the measurement time

Every routine NMR spectrometer is equipped with a sample changer and runs in automation mode.

Between 9 a.m. and 5 p.m. the total measurement time per sample must not exceed 30 mins.

A user setting up multiple measurements has to keep free one holder between each sample.

Measured data sets will be saved for ca. three months on one of the file servers. Long-time storage is the user's task.