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Work regulations and safety rules in MINAKO Research Baselab Semiconductor Electronics U02-207

1. Before starting the work in the laboratory, the person (staff, students etc.) must get acquainted with the safety regulations of the laboratory. The instruction is carried out by the instructor or immediate supervisor.
2. In addition, before starting the work, the person must also get familiar with the instructions to the work done and with the additional (work or project specific) safety requirements.
3. The circuitries and connections (including power, signal, measurement and communication cables) used in the work must be put together (and at the end of the work dis-assembled) in -the non-powered mode.
4. In order not to harm the health of their own and other persons, the safety requirements for using electromechanical instruments, soldering irons, screwdrivers and other similar tools must be followed.
5. Touching any non-isolated wires or connectors or endings of wires (or cables) possibly having a voltage of 42 V or more (including the power mains 230 V) is strongly prohibited.
6. When current transformers are used, the rules for using of them must be followed. The connecting or disconnecting of the circuit must be done in the switched-off mode of the circuit. The secondary winding must be loaded with the reasonable circuit.
7. It is not allowed to open the devices or equipment, that are under voltage (powered).
8. It is not allowed to open and start work on the Atomic Force Microscope(s) without the permission of the work instructor or immediate supervisor.
9. Before starting the work with liquid nitrogen, the next rules must be followed:
 - know the safety rules related to the work with liquid nitrogen and, if needed, ask help for the instructor, or immediate supervisor,
 - follow all the forbidden and safety signs,
 - follow only the given (work) instructions,
 - follow all warning- and prescription labels and titles requirements safety rules.
10. It is required to immediately notify detected flaws, problems, threats and errors of the installations, equipment or anything else, to the people nearby, to the instructor or supervising person and to the person, responsible of the work safety in Thomas Johann Seebeck Department of Electronics (room U02-203).
11. When leaving the room, all the equipment of the work place have to be switched off. The last person to leave the room looks over the room about missing of the hazards.
12. These rules are mandatory for all persons who will take part of whatever (including lab or R&D) works or activities in the laboratory U02-207.

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