



27.03.2015 nr 13-3/11

Work regulations and safety rules in SIE Research Baselab Lab-On-Chip U02B-205

1. Before starting the work in the laboratory the person (staff, students etc.) must get acquainted with the safety regulations of the laboratory, and certify this with his/her signature in the safety instruction journal of the laboratory or on the corresponding check and registration list.
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) of possibly having 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, which are under voltage (powered)
8. Handling of the measurement instruments and electronic components is allowed only in accordance with the ESD (electrostatic discharge) Safety Guidelines.
9. The circuitry should be set up so that there will be guaranteed comprehensiveness (by using wiring of suitable color and appropriate positioning of the equipment), and work safety.
10. It is required to immediately notify the detected flaws, problems, threats and errors of the installations, equipment or anything else, to the people nearby, to the supervising person and to the person, responsible of the work safety in Thomas Johann Seebeck Department of Electronics (room U02-203).
11. When leaving, all the equipment of the working place has 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 U02B-205.

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