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## **Work regulations and safety rules in SIE Research Baselab Prototyping U02B-201**

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. Before starting the work the person must 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 of using soldering iron, screwdriver and other similar tools must be followed.
5. Touching any non-isolated wire or connector or ending of wire (or cable) that are possibly subject to a voltage 42 V or more (including the power mains 230 V) is strongly prohibited.
6. When the current transformer is 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. 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.
9. 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 or the work safety in the Thomas Johann Seebeck Department of Electronics (U02-203).
10. 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.
11. These rules are mandatory for all persons who will take part of whatever (incl lab or R&D) works or activities in the laboratory U02B-201.

Prepared: M. Rist  
ELIKO  
Scientist

Confirmed: L. Pallon  
Tallinn University of Technology  
Chief Work Environment Officer

Confirmed: T. Rang  
TJS Dep. Of Electronics  
Director