

Statute on Robot Laboratory Regulations

Version 01 of 24.10.2012

§ 1st General

- (1) The robot laboratory is subject to the relevant safety codes for robots (ISO 10218-1 &-2) and the relevant codes of the Austrian Association of Electrical Engineers ("ÖVE") for electrical and electronic laboratories.
- (2) In addition, the special regulations as defined in § 2 are to be observed.

§ 2. Special Regulations

- (1) Only those currently employed in the laboratory may enter it (no visitors allowed).
- (2) Running and pushing, as well as the misuse of work equipment, is prohibited.
- (3) Bringing *food and drink* and *consuming* them (including chewing gum) in the laboratory and in the direct vicinity of electrical equipment of any kind is absolutely forbidden.
- (4) Long hair (longer than shoulder length) must be tied up.
- (5) Students must wear clothing appropriate for the laboratory and keep it buttoned. Closed, sturdy footwear should be worn.
- (6) No robot may be operated in any other than manual mode. A robot may only be switched to automatic operation under supervision.
- (7) No object or person is allowed in the working space of a robot when it is moving. A collaborative application is not permitted.
- (8) When a robot is moving, full responsibility always lies with the person who activated the controls.
- (9) Protective goggles and requisite protective clothing must always be worn during dangerous work (even that carried out by the person in the neighbouring workspace).
- (10) Equipment, tools and samples may not be taken from or into the laboratory without prior instruction to do so.
- (11) The instructions given must be strictly observed when conducting experiments.
- (12) It is prohibited to conduct experiments using one's own untested instructions.
- (13) The applicable limit values must be observed for each experimental set up.

- (14) Before switching on the equipment it is necessary to check whether the correct range of measurement has been selected on the measurement devices and whether they are connected correctly.
- (15) Only electric cables, cords etc. that are in perfect condition may be used.
- (16) Dispose of waste in accordance with instructions (in the containers provided as appropriate).
- (17) All equipment is to be cleaned and put away properly after work is completed.
- (18) Computers and all other devices are to be switched off after work is completed and air inlets closed. Logically, the same applies when equipment is left temporarily (e.g. during breaks).
- (19) All equipment, tools and aids are to be put back in their original position at the end of each practical. Care must be taken to ensure that all measurement devices are switched off.
- (20) Every person participating in a practical must be aware of all the electrical voltages found in the workspace where the practical is taking place.
- (21) For reasons of safety, it is not permitted for anyone to work on a project in the laboratory on their own. Similarly, more than three people may not work at a robot cell at the same time.
- (22) Bare, current-carrying parts of the circuit are to be constructed or arranged in such a way that there is no possibility that other colleagues or cleaning staff can touch them accidentally.
- (23) Permission to switch on equipment must be obtained from the tutor of the practical and their instructions must be followed under all circumstances.
- (24) No chairs may be placed between the work tables and the machines (escape routes, risk of tripping).
- (25) Mobile robots may only run in a secured environment and must be continually under supervision.
- (26) In their own interest, participants in the practical must take all precautions to reduce the risk of accidents in the laboratory.
- (27) No responsibility is taken for damage of any kind that results from the negligence of students participating in the practical.
- (28) Photos and/or video recordings can only be taken/made with the approval of the head of department.
- (29) An understanding of these laboratory regulations is a pre-requisite condition for participating in any laboratory practical.
- (30) Every effort is to be taken to avoid doing anything that might damage equipment and components. Report any damage that may occur to the workshop manager immediately:
Emil Ronacher BSc, ronacher@technikum-wien.at, Tel: 01 333 40 77 – 711

§ 3. Entry into Force

- (1) The Robot Laboratory Regulations in Version 01 of October 24th, 2012 as adopted by the UAS Technikum Council on December 13th, 2012 and shall enter into force on December 13th, 2012.
- (2) The Robot Laboratory Regulations in Version September 2009 shall thus expire.