



The record about safety instructions

The rules for the use of industrial robots located in the room AS105 (further as Robot) in the building of Faculty of Mechanical Engineering in Karlovo náměstí:

- §1 During the use of the Robot, I am obliged to follow all general safety regulations, in particular the regulations defined by ČSN 33 2000-4 – *Electrical equipment, Part 4: Safety (IEC 60364-4)*
- §2 I understand that electrical equipment is considered without voltage only in the case that it is securely guarded against accidental activation. This is guaranteed only by unplugging the Robot power supply from the wall socket. If the Robot is switched off, but plugged in, it is considered to be with voltage (live).
- §3 The operational space of the Robot is the part of the room marked by the warning Black/yellow tape on the floor, or on the robot stand, each of which must be protected by mechanical barriers at all times during robot operation.
- §4 The barriers around the Robot should be placed around the operational space and all persons should leave the operational space before connecting the Robot to voltage. Removing the barriers or entering the operational space is allowed only after unplugging the Robot power supply from the wall socket. The exceptions from this rule are described in §5 and §6.
- §5 If the task performed requires the presence of persons in the operational space of the robot, it is possible to enter the operational space only for the necessary time, and only after stopping the robot motion by pressing the Emergency Stop Button. The Emergency Stop Button can be released only after all persons leave the operational space.
- §6 If the presence of the persons in the operational space of the robot is needed while the robot can move, it is possible only after ensuring all conditions bellow are satisfied:
 - a) The Robot is used in manual mode only.
 - b) The Robot is watched by two persons. It is required that one person is controlling the Robot from Teach Pendant, and at least one person is an employee of the Faculty of Mechanical Engineering or Faculty of Electrical Engineering of the CTU in Prague.
 - c) The Robot velocity is set to the minimal speed satisfying conditions of the experiment, but not exceeding 20 % of the robot's maximal speed.
 - d) The maximal speed of the Robot's articulated parts is high, so the user must be aware of the danger this presents to persons in the operational space of the robot.

I hereby declare that I understand these rules and that I will comply with these rules.

Name, surname (legibly in capital letters):.....

Passport number:.....

.....

Signature

Instructions given by:

In Prague:

.....

Signature