S T U D E N T I N F O R M A T I O N

Student name: _____

NEPTUN code: _____

Address: _____

Telephone number: _____

E-mail address: _____

Name of supervisor from the department: _____

Starting date: _____

Ending date: _____ (Please fill out at the end of the term)

Access permission

	Required Y/N	Issued Date/ signature		Returned/ deleted Date/ signature	
	supervisor should fill this out	*to be filled out by authorized department personnel*			
CFD laboratory key					
Network name and password					

other:

Disk space (MB)					

I partook in the work safety training. I have heard the rules with regard to the use of the CFD laboratory, understand them and will obey them.

Date _____ Signature _____

Supervisor:

Date _____ Signature _____

The student should receive:

- Work safety forms
- CFD laboratory rules

This sheet belongs to the department secretary. The student should take the sheet with them when being issued or returning items. The sheet should be signed by the authorized department personnel and then returned to the secretary.

Student work and fire safety instructions

The work and fire safety instructions contain the information, which is necessary for the safe execution of the laboratory measurements held at the Department of Fluid Mechanics. In order to do this, we need to care for the well being of others as well as ourselves, while also being familiar with and applying those practices which are necessary for securing a safe work environment. Learning the work safety rules is a necessary step toward becoming a responsible professional engineer.

Requirements from an individual for securing a safe working environment

The students are required to attend the measurements in a condition, which is satisfactory for making the measurements in a safe manner. The students are not allowed to be under the influence of alcohol or any other substance, which could reduce the level of alertness and safety, while working on the measurements. Rings, bracelets and necklaces may not be worn during the laboratory measurements. When working near moving machinery long hair must be covered or secured in an appropriate manner.

Requirements from the equipment for securing a safe working environment

The measurements may only be conducted with equipment which is properly functioning. If during the measurement any malfunctions or operating conditions which could lead to an accident are noticed, the measurement setup should be shut down and the appropriate department personnel should be notified of the incident.

Requirements for the proper conduct securing a safe working environment

While working on the experimental equipment in the laboratory, precautions must be taken, since the work which is done as well as the equipment which is being worked on is dangerous.

Before beginning the measurement, all details with regard to making the measurement and any questions with regard to safety issues during the measurement should be discussed with the appropriate department personnel. The appropriate department personal is responsible for informing the students about the possible dangers which can arise during the use of the equipment and how to secure a safe working environment with regard to these dangers. Securing a safe experimental assignment and measurement session is the responsibility of the appropriate department personnel.

Before turning on any equipment, be that the first or umpteenth use of the equipment, it must be made sure that the equipment can safely function. It is forbidden to touch any knobs or parts of any electrical equipment with moist hands. It is forbidden to work with turbomachinery, such as fans or wind tunnels, wearing clothing which could cause an accident (scarf, tie, unbuttoned jacket, etc.) or with hair which is not secured in an appropriate manner. It is forbidden to reach into the suction or pressure side pipes of a fan. When turning on any equipment, the others in the vicinity of the equipment must be notified. The measurement equipment may only be altered once the electrical connections have been disconnected. After the measurement equipment has been altered, it must be shown to the appropriate department personnel before it is turned on. After the measurements have been completed, the electrical power must be disconnected. Before leaving the laboratory, the measurement equipment must be left in an orderly manner.

Doing any measurements, other than those which have been assigned be the department personnel, must first be allowed by the appropriate department personnel. The students partaking in the measurements should stay in the area where their measurements are being made. Permission to enter other areas of the laboratory or the workshop must be given by the appropriate department personnel, and the student should be accompanied into these areas of the laboratory. It is forbidden to touch any equipment which does not belong to the measurement which is being made.

All walking areas, emergency exit paths, electrical switches, and fire extinguishers must be left accessible at all times. They may not be blocked, not even temporarily. Due to the large number of people and equipment present in the laboratory, caution should be used when walking, taking exceptional care not to trip on the electrical cables which can be found on the floor. If something cannot be reached from the floor, the proper safety equipment (ladder, podium, etc.) should be used.

It is forbidden to bring poisonous, flammable or explosive materials into the laboratory. It is forbidden to smoke or use open flames in the entire vicinity of the department, which includes the laboratory.

In the case of a malfunction, accident, or unusual occurrence, the appropriate department personnel should be notified.

Dr. János Vad
Head of Department, Associate Professor