

## Work Place Permit (WPP)

The WPP is compulsory for students, employed students and guests (students and employees) working in the laboratories in the Pontoppidanstræde area. Violation of the safety rules will lead to immediate dismissal from the laboratories and withdrawal of the work place permit.

Procedure overview:

1. WPP to be filled in by the project group including description of test set-up and experimental procedures.
2. WPP must be approved (signed) by the supervisor and the lab. responsible for access.
3. When the set-up is established the WPP must be approved for experimental work.
4. The WPP must be visible at the laboratory set-up.
5. Before project examination, the lab responsible must approve the laboratory workspace in terms of tidiness and returned equipment.

Project title:

Semester and group no.:

Group room:

Supervisor:

Student name	AAU student / guest ID	E-mail	Safety instructions				Signature
			General	High voltage	Hydraulic	Gas & liquid	
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Admission for the laboratory period: Start:  End:

Laboratory building:  room:  lab. table:

Dispensation: ☐ Yes ☐ No

### Approved for laboratory access: (but no experimental work)

To be completed by the supervisor and affiliated laboratory personnel before students have admittance to the workplace.

\_\_\_\_\_  
Date Supervisor Date Laboratory personnel

### Approved for experimental work:

To be completed by the supervisor and affiliated laboratory personnel before experimental work is performed.

\_\_\_\_\_  
Date Supervisor Date Laboratory personnel

**Description of the experimental work/procedure in the project:**

- Short description of the experimental work.
- Diagram of the experimental set-up, listing applied equipment and components (can be attached to the WPP).
- Information about the level of physical quantities, e.g. voltage, current, velocity, pressure, flow, power, stored energy.
- Information about protective measures, e.g. shielding and grounding.

The description must be updated regularly according to progress in the project.

- Short description of the experimental work.
  - Diagram of the experimental set-up, listing applied equipment and components (can be attached to the WPP).
  - Information about the level of physical quantities, e.g. voltage, current, velocity, pressure, flow, power, stored energy.
  - Information about protective measures, e.g. shielding and grounding.
- 
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**Summary of applied equipment:**

Equipment with voltage above  $V_{AC} > 25 \text{ V}$  or  $V_{DC} > 60 \text{ V}$  ☐

Rotating electric machines ☐ Combustion engines ☐

Equipment with voltage above 1000 V ☐ Pressure/flow-systems ☐

Equipment with current above 1 A ☐ Laser (specify class\*) ☐

Battery / Large capacitors (discharging\*) ☐ Gas Systems\* ☐

\*: Special requirements concerning handling:

Equipment with voltage above $V_{AC} > 25 \text{ V}$ or $V_{DC} > 60 \text{ V}$	<input type="checkbox"/>
Rotating electric machines	<input type="checkbox"/>
Equipment with voltage above 1000 V	<input type="checkbox"/>
Equipment with current above 1 A	<input type="checkbox"/>
Battery / Large capacitors (discharging*)	<input type="checkbox"/>
Combustion engines	<input type="checkbox"/>
Pressure/flow-systems	<input type="checkbox"/>
Laser (specify class*)	<input type="checkbox"/>
Gas Systems*	<input type="checkbox"/>

\*: Special requirements concerning handling:

Rotating electric machines	<input type="checkbox"/>	Combustion engines	<input type="checkbox"/>
Equipment with voltage above 1000 V	<input type="checkbox"/>	Pressure/flow-systems	<input type="checkbox"/>
Equipment with current above 1 A	<input type="checkbox"/>	Laser (specify class*)	<input type="checkbox"/>
Battery / Large capacitors (discharging*)	<input type="checkbox"/>	Gas Systems*	<input type="checkbox"/>

\*: Special requirements concerning handling:

Equipment with voltage above 1000 V	<input type="checkbox"/>	Pressure/flow-systems	<input type="checkbox"/>
Equipment with current above 1 A	<input type="checkbox"/>	Laser (specify class*)	<input type="checkbox"/>
Battery / Large capacitors (discharging*)	<input type="checkbox"/>	Gas Systems*	<input type="checkbox"/>
*: Special requirements concerning handling:			

Equipment with current above 1 A	<input type="checkbox"/>	Laser (specify class*)	<input type="checkbox"/>
Battery / Large capacitors (discharging*)	<input type="checkbox"/>	Gas Systems*	<input type="checkbox"/>

\*: Special requirements concerning handling:

Battery / Large capacitors (discharging\*) ☐ Gas Systems\* ☐

\*: Special requirements concerning handling:

Combustion engines	<input type="checkbox"/>
Pressure/flow-systems	<input type="checkbox"/>
Laser (specify class*)	<input type="checkbox"/>
Gas Systems*	<input type="checkbox"/>

Pressure/flow-systems	<input type="checkbox"/>
Laser (specify class*)	<input type="checkbox"/>
Gas Systems*	<input type="checkbox"/>

Laser (specify class\*) ☐

Gas Systems\* ☐

Gas Systems\* ☐

\*: Special requirements concerning handling:

<b>Danger level for applied equipment and substances:</b> (battery type, gas type, combustibles, toxic, corrosive, etc.)	
Danger factor(s):	Description of the substance(s)

Material/Product Safety Data Sheet. (MSDS/PSDS) for dangerous components must be attached to the WPP.

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**Demands to technical arrangements:**Cupboard ☐Point exhaust ☐Special fire precautions ☐Aseptic work ☐Others ☐**Check-list: Relevant safety rules and instructions** (read and understood)Safety rules ☐Instructions of all applied substances ☐Safety rules for special laboratories ☐Instructions in handling of waste ☐Instructions in handling safety equipment ☐Instructions / User Manual for all applied instruments ☐**Check-list: Knowledge of safety equipment & first aid equipment:**Fire fighting equipment ☐First aid kit & eye bath ☐Emergency stop (elec., gas, etc.) ☐Emergency shower ☐Screening ☐Running water ☐Heart defibrillator ☐Other: **Demands to personal protective equipment:**Safety glasses ☐Face shielding ☐Helmet ☐Hearing protector ☐Safety footwear ☐Respirator ☐ Filter class:Gloves ☐ Type:Others ☐ Description:**Preliminary finish report:** (To be completed before project examination)Equipment returned ☐Cleaning up ☐Handling of waste ☐

Set-up and equipment agreement:

**Students' signatures:**\_\_\_\_\_  
Date\_\_\_\_\_  
Student\_\_\_\_\_  
Date\_\_\_\_\_  
Student**Preliminary finished report accepted:**\_\_\_\_\_  
Date\_\_\_\_\_  
Laboratory personnel

## Work Place Permit (one page carbon-copy for lab. personnel)

Project title:

Semester and group no.:

Group room:

Supervisor:

Student name	AAU student / guest ID	E-mail	Safety instructions	General	High voltage	Hydraulic	Gas & liquid
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Admission for the laboratory period: Start:  End:

Laboratory building:  room:  lab. table:

☐ No Dispensation: ☐ Yes

**Summary of applied equipment:** Equipment with voltage above  $V_{AC} > 25 \text{ V}$  or  $V_{DC} > 60 \text{ V}$  ☐, Rotating electric machines ☐, Combustion engines ☐, Equipment with voltage above 1000 V ☐, Pressure/flow-systems ☐, Equipment with current above 1 A ☐, Laser (specify class\*) ☐, Battery / Large capacitors ☐ Gas Systems ☐

### Danger level for applied equipment and substances

<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
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<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

**Demands to technical arrangements:** Cupboard ☐, Point exhaust ☐, Special fire precautions ☐, Aseptic work ☐, Others ☐

**Check-list: Relevant safety rules and instructions:** Safety rules ☐, Instructions of all applied substances ☐, Safety rules for special laboratories ☐, Instructions in handling of waste ☐, Instructions in handling safety equipment ☐, Instructions / User Manual ☐

**Check-list: Knowledge of safety equipment & first aid equipment:** Fire fighting equipment ☐, First aid kit & eye bath ☐, Emergency stop (elec., gas, etc.) ☐, Emergency shower ☐, Screening ☐, Running water ☐, Heart defibrillator ☐, Other:  ☐

**Demands to personal protective equipment:** Safety glasses ☐, Face shielding ☐, Helmet ☐, Hearing protector ☐, Safety footwear ☐,

Respirator	<input type="checkbox"/>	Filter class:	<input type="text"/>
Gloves	<input type="checkbox"/>	Type:	<input type="text"/>
Others	<input type="checkbox"/>	Description:	<input type="text"/>