


Release form for placing gas canisters in a laboratory or workshop

Name of applicant:	Department:	Area:	Telephone:	Date of application:
Name of gas:			Canister contents (in liters):	
Purpose for which the gas will be used:			Storage in alcove / room / fume hood number:	
Motivation for placing it in laboratory or workshop:			Reference to document with risk assessment:	
Period release is asked for (maximum of 1 year):			Name of contact responsible in lab or workshop:	
<input checked="" type="checkbox"/> Obligation: A risk assessment will have to be performed on the area where the gas canister will be stored in the laboratory or workshop. The risk assessment must be included with the request submitted to the Acceptance Committee. <u>The checked limiting conditions below are applicable:</u> <input type="checkbox"/> The gas canister must be secured using a chain and/or hook. <input type="checkbox"/> The gas canister must be secured against backflush. <input type="checkbox"/> The valve of the gas canister must be closed if no gas is used. <input type="checkbox"/> The gas canister must be stored in a fume hood. <u>Storage of fluidized gases is subject to the following additional conditions:</u> <input type="checkbox"/> The gas canister cannot be stored near heating installations. <input type="checkbox"/> The weight of the gas canister must be checked upon receipt.			<p>Please see the back of this form for further guidelines which the landlord may use to give permission for an exemption.</p> 	

Additional comments:

Approval:	Release valid until:
Acceptance committee BCC (chair)	Initials
Landlord	Initials

1. Please send the original form to the applicant.
2. Please send a copy to the Health and Safety officer and landlord.

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Guidelines for the extension of permission:

- Can the gas canister be placed in a gas canister cupboard (with extraction) or niche outside of the workshop or laboratory? Storing canisters in gas canister cupboards or niches outside is preferable.
- How often will the gas canister be used? Please consider storing the gas canister off-site if you do not intend to use it on a regular basis. Please take the risk related to connecting and disconnecting of the canister into consideration.
- Employees connecting and disconnecting gas canisters need to be able to prove they have the qualifications to do so.
- Please consider not providing a release if the contents of the gas canister is more than 10 liters. Please take the contents and/or make-up of the gas into account when making this decision. This is also the case for spatial and/or localized ventilation. Please also take the oxygen supplanting effect into consideration.
- Does the gas canister contain extremely toxic or carcinogenic components in a concentration over 0.5 % of the Threshold Limit Value? Please take the use of these types of gasses in laboratories into consideration during a risk assessment or create a Job Safety Analysis based on the activity you will perform to see whether or not enough steps have been taken to guarantee safety.
- Is there an MSDS for the contents of the gas canister? This should be included with the canister.
- Gas canisters need to be secured with a chain and/or hook to prevent them falling over.
- The applicant needs to make sure that the assessment date of the gas canister will not expire during the release period. The gas canister cannot be used once it has expired.
- Have the tubes and hoses used been arranged in accordance with their category and have they been listed in a management system?
- Please note that the regulators used cannot be equipped with an internal spring safety valve or other blast option.
- Has the installation to which the gas canister will be attached been secured against the high pressure which will occur if the regulator fails? Please take glass reactors and vulnerable installation parts into consideration when doing this. Has a thorough risk assessment been performed which covers this aspect? A regulator is never a security measure!
- In case the canister contains a flammable gas, check whether this effects the contents of the Explosion Safety Document (based on ATEX guidelines) of the laboratory.
- All canisters must be registered in CISPRO as a result of the obligations as stated in the Environmental Permit.