

Instructions for entering the 'GMO-labs



Entrance gmo-laboratory

- Before entering the gmo-laboratory(s) an employee needs to have an allowance to enter the gmo-lab(s) signed by the biosafety officer, this can be obtained by filling in the gmo-approval form which can be found on the CRISP-website;
- Besides a signed approval the employee needs to receive instructions; these will be listed in the remaining of this presentation;
- The employee needs to watch the video “precies zoals het hoort”; <https://www.youtube.com/watch?v=xbdi95lxUw8>

Why gmo-labs

- Activities with gmo's are subject to strict legislation (Besluit en regeling GGO);
- This legislation states that all activities with gmo's must be performed in gmo-laboratories. These gmo-laboratories must meet specific demands;
- It is allowed to perform lower scaled or non-gmo activities in gmo-laboratories but the gmo rules must always be followed;
- Most important principles of the legislation are; gmo's must be licensed/notified and gmo must always be contained.

Rules (1)

- Before starting gmo activities check if the host, vector, insert and origin of the insert are licensed;
- Always check if additional terms are listed in the gmo license, if so, stick to them;
- Perform the gmo activity at the correct containment level (ML-I, ML-II, D-I, DM-I, etc), this is listed in the permit;
- Each gmo worker needs to be registered (either by the biosafety officer or by registration in lab logbook (short term));
- It is forbidden to wear hand and wrist jewelry (also when wearing gloves) when performing handlings;
- Long hair must be tied up;

Rules (2)

- Personal belongings must be stored outside the gmo-laboratory (sweaters, bags,...);
- Always wear a closed lab coat with a green collar;
- This lab coat may not leave the gmo-laboratory other than in an autoclave bag;
- Lab coats with a green collar must be autoclaved before they are being washed;
- Mobile devices (phones, tablets) may only be operated with clean hands;
- The working place must be disinfected after finishing the experiments;
- Hands must be washed (every time) before leaving the gmo-laboratory;

Rules (3)

- All solid gmo waste must be disposed in the gmo waste bins. When full, these gmo waste bins must be properly closed and disinfected before being placed at the “collection point”;
- Liquid gmo waste can be inactivated by adding a chlorine tablet or by solidifying the liquid waste using gelling granules and dispose it in the gmo-waste bin;
- (Broken) Equipment must be released before it can be taken to the maintenance department;
- The gmo-laboratory must be released in case of maintenance/construction work at the gmo-laboratory;
- Internal transport of gmo’s must take place double-contained. This means in an unbreakable, leak-proof, closable and disinfectable container.