

## Challengers

To ensure the implementation of the new LMRA goes smoothly, at least 1 challenger is appointed per organisation that is actively involved in conducting the LMRA interviews. These Challengers are specifically responsible for the following aspects of the implementation of the new LMRA.

- Taking on the internal 'ambassador role'.
- Launching an LMRA coaching programme within their own organisation.
- Distributing/making available enough LMRA cards within their own organisation.
- Overall process monitoring of the implementation of a successful LMRA within their own organisation.



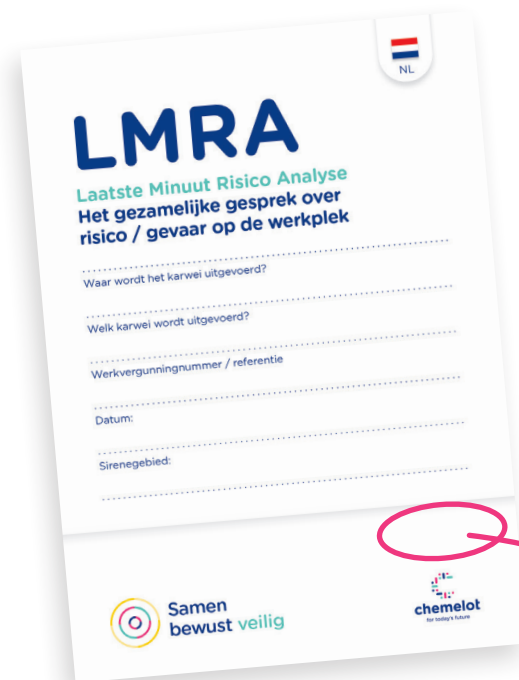
## Ordering cards

The new LMRA method has a single uniform LMRA card for the Chemelot Industrial Park and the Brightlands Chemelot Campus. These cards have been developed by the One in Safety working group 2.8, 'LMRA-2.0'.

Any organisation that usually makes sure LMRA cards are physically available at its own production desks is responsible for obtaining the new cards. The print file for the uniform Chemelot LMRA 2.0 can be downloaded from the Chemelot intranet site:

<https://www.intranetchemelot.nl/samen-bewust-veilig/lmra>

Additional information is also listed in the Site Regulations for the Chemelot Site, section 5.6. Each organisation can then organise the printing and distribution of the cards via the usual channels.



## Plant recognisable on the card

To link the LMRA card visibly and recognizably to your own organisation, you can add your **own company logo** to the new LMRA card. A separate space is reserved for this in the print file we made available (on the front of the card to the bottom right). This must be coordinated by each organisation with their own supplier.

## Questions?

Still got questions about the new LMRA at Chemelot folder? Then contact the Chemelot organisation via:  
<https://www.chemelot.nl/contact>  
(start your message by completing the question, suggestion, or comment field with the text LMRA 2.0)

# A new LMRA work method at Chemelot.

**On 1 January 2021, we will carry out our LMRA (Last Minute Risk Analysis) in a single uniform way at the Chemelot Industrial Park and the Brightlands Chemelot Campus. As of this date, the older existing methodologies will be replaced by a single uniform approach for carrying out the LMRA.**





### EPA methodology

It was decided to apply the EPA principle for the new method. This method is already being used successfully at several plants within Chemelot. The letters in the term EPA each represent one of the three factors that are discussed in a proper LMRA discussion.



**Environment** - This involves identifying the risks that arise within the environment. This includes lifting in the vicinity of the task, working in a confined space, and carrying out several tasks one above the other.



**Process** - The letter P refers to the examination of the risks arising during the production process. For example, products that may come into contact with people, hot surfaces, and any sensitive equipment that must be taken into consideration.



**Activity** - The letter A stands for the Activity that is carried out during the task. For example, working on an installation part, building a scaffold, or cleaning a part of a pipe. In this case, the risks that arise directly when implementing the task are jointly discussed. Of course, the staff must ensure that these risks are minimised by taking the proper control measures. For example, putting up railings when working at height and cordoning off a work area.

From diversity to uniformity  
to provide a safe work environment

By switching to a single uniform approach, the entire Chemelot site will be providing input in the same way when identifying the risks/hazards just before carrying out a task. The method chosen will help us carry out our work with the proper input and quality. All this is being done to improve Chemelot's safety performance and achieve the announced ambition to be the safest site in Western Europe by 2025.

### Why LMRA 2.0?

The One in Safety programme was started at Chemelot partly due to the findings in the Dutch Safety Board report of 2018. One recommendation and objective in the report is to strive toward more uniformity at Chemelot in maintaining a safe work environment. Moreover, interviews with staff on the work floor revealed that the large differences in LMRA methodologies and cards caused confusion. So, we need more uniformity! As a result, the Chemelot board decided to create a working group within workflow 2 of the One in Safety programme that works on a single uniform LMRA methodology for Chemelot Industrial Park and the Brightlands Chemelot Campus. Their mandate is to work towards a single LMRA method that will actually be implemented as of 1 January 2021.



### On the road with the right luggage

To ensure the introduction and use of the new LMRA method is successful, the person who carries out the LMRA must be aware of how the EPA method can best be applied in practice. Asking the right open questions is an advantage that ensures an LMRA discussion is of a decent quality.

### Instructions within the ENTER platform

To properly inform everyone who comes into contact with the LMRA, a module was added to the existing online instruction platform ENTER that uses the car wash principle to discuss the LMRA. Every employee who will carry out an LMRA must be well acquainted with all the instructions before 1 January 2021. For staff at the Chemelot Industrial Site, instructions can be accessed via Dataclient, which is linked to the access card system. For staff at the Brightlands Campus, a suitable solution will be provided within the applicable structure of access instructions.

### Coaching on the job

Staff who will use the LMRA must be coached on it to increase and guarantee the quality of the LMRA. For example, in a proper LMRA, you must find out whether all risks are identified just before the start of a task by asking yourself or your discussion partner the proper open questions. Asking open questions seems natural, but this often proves to be difficult in practice. The coach's task is to provide support by being present where the LMRA discussions are held. Every organisation that is actively involved in the LMRA carried out at Chemelot must make sufficient capacity available within its own organisation. This to ensure there are enough LMRA coaches ready to provide everyone in the field with the proper guidance.