

Working safely with lasers

Introduction

For working with lasers, the Laser Safety Policy is followed within the FHML. This policy concerns guidelines and procedures designed to ensure employee safety when working with lasers. The laser safety policy is an interpretation of the Dutch laws and regulations on laser safety (Arbeidsomstandighedenbesluit: Working Conditions Decree/Chapter 6, Physical Factors/Section 4a 'Artificial Optical Radiation') and thus complements UM's general health and safety policy. It describes the management of laser safety and provides principles that UM uses to fulfil its stated legal obligations in the field of Laser Safety. [Link Laser safety policy.](#)

Hazards and risks of lasers

Working with lasers involves one or more risks, depending on power and wavelength. The main risk is damage to the eyes, but skin damage (burns), inhalation of laser smoke and fire hazard are also possible risks. It is therefore important to inform and instruct people on these issues.

Information and instructions

This information and instruction is designed in an e-learning. <https://login.niveo.nl/paspoort>.

To gain insight into the risks of a laser setup, it may be necessary to carry out an in-depth Risk Inventory & Evaluation (in-depth RI&E).

For further questions on working with lasers, please contact one of our laser safety officers at info-hsb@maastrichtuniversity.nl.