

DOCUMENT FOR EXTERNAL WORKERS OR OTHER WORKERS WHO CARRY OUT ACTIVITIES IN CLASSIFIED AREAS WITH IONIZING RADIATION RISK OR OTHER ACTIVITIES WITH RADIOACTIVE SOURCES AT THE LNS

This document is drawn up for the purposes of applying articles 112 and 113 (as well as 115 and 117) of Legislative Decree 101/20 (Italian law) and constitutes an “agreement” between the LNS, identified as “operators” of the areas classified with risk from ionizing radiation and the institution or company that is configured as the employer of the workers who carry out activities in those areas.

For external workers, classified as Exposed:

- The LNS director ensures protection from risks arising from exposure to ionising radiation for the obligations set out in art. 113 of the aforementioned decree and provides, where necessary:
 - Individual dosimetric surveillance and environmental dosimetric surveillance equipments.
 - Information on risks, any specific training, prevention and protection actions and instructions in relation to the operation that individual workers perform in the LNS classified areas.
 - Personal protective equipment (if the worker has not been equipped with it by his employer) in accordance with general and specific radiation protection regulations in force at LNS.
- The worker’s employer ensures safeguard from risks arising from exposure to ionizing radiation for the obligations set out in art. 112 of the aforementioned decree, and in particular:
 - Provides the information and training set out in art. 112 and 111 (for workers) and 110 (for Managers and Supervisors).
 - Ensures that the risk classification of workers has been carried out by its Radiation Protection Expert.
 - Provides health surveillance, of which a copy of the valid suitability assessment is provided.
 - Provides exposed workers, classified in category A, with the personal radiation protection booklet, which must be presented to the LNS radiation protection service before starting work.
- The dose constraints for Exposed external workers, unless otherwise specified in other documents, are set at 5 mSv/year of effective dose.

For other workers classified as NOT exposed:

As established in art. 115 and 117 of the aforementioned decree (workers not classified as exposed, who carry out activities with low-level radioactive sources or in areas classified for occasional activities), the LNS will establish for each specific case whether to grant authorization to access the classified areas and in such cases will provide the necessary means of protection and inform workers in relation to the specific risks existing in the places where they will operate.

- For these workers, and limited to the activities carried out at the LNS, the dose constraints are set at 0.25 mSv/year of effective dose.

For workers who have carried out activities with ionizing radiation risk at LNS during each calendar year and who have received individual dosimetric surveillance, in the event of not exceeding the values set for the dose constraints, LNS will provide the employer with the results of the dose assessments, on an annual basis (generally transmitted by March-April of the following calendar year). On the other hand, in the event of exceeding the dose constraints, to ensure compliance with the limits and agree on any further limitations for the activities of each worker, LNS will give immediate notify the employer.

For workers classified in category A, LNS will immediately record dose assessments, if available, in the personal radiation protection booklet or transmit them as soon as they receive a response from the personal dosimetry services.

In addition, if the worker should receive on behalf of his employer and for activities other than those carried out at the LNS, during the period required for the authorization to access, a greater dose of the dose constraints, it will be the responsibility of the employer to immediately notify the LNS.