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Maintenance aspects of the ALBA Safety systems

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The Health and Safety office of ALBA is the Director's supporting office dealing with the management of the risks present at the facility: from biological, chemical, to the radiological one, and also putting in place an Emergency plan. Several control systems are in place at ALBA to control the exposure levels to the different type of risk, whose requirements and maintenance are established and managed by the office technicians.

The aim of this work is first to identify the main risks present at ALBA and to describe which means are in use to allow their control. A detailed presentation will be given afterwards on the maintenance programs currently ongoing for the verification and calibration of the different types of detectors and control systems: periodicity, human and material resources needed, etc. Maintenance related with the systems to control emergency situations will also be analysed.

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