STANDARDIZATION OF EQUIPMENT AND THE EFFECTS ON THE CONSTRUCTION OF NEW INSTALLATIONS

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The work in hand or already completed in this field relates to various means of protection and operating facilities in hot installations. The report will deal with standardization and its effects on manipulators, windows, transfer systems (for materials and waste), gloveboxes and small shielded enclosures. The principles arrived at in the course of this general study, together with the use of standardized equipment, make it possible:

- to effect savings on research in the design stage of new installations, while at the same time allowing some degree of flexibility in the evolution of the constructions;

- to simplify the recording of the safety assessment of these installations;

- to achieve greater operating safety.

Furthermore, the standardization of transfer systems enables transfers of irradiated material (samples, fuels or equipment) between the various laboratories to be made quicker, simpler and safer.