Regulation for cryogen transportation with elevator (EV) in Kashiwa Campus

17-Jul-14

No	Department or building name	Building name	Safety policies for cryogen transportation	Cryogen transportation method in the EV
1	Graduate School of Frontier Sciences	Environment studies Building	There is only one laboratory which use cryogen. Its transportation frequency is once a month. Better transport method is under consideration.	・Use wagon cart to prevent fall of cryogen container. ・Take portable oximeter with.
2	Graduate School of Frontier Sciences	Biosciences Building	Inform students at lecture for new comers.	・Prohibit riding in an elevator with cryogen. ・At least two people must handle cryogen container. One puts cryogen container onto elevator, and the other receives it at destination floor. ・Use warning tag with safety chain equipped inside elevator door.(warning tag : Danger! Do not use this elevator.Cryogen transportation is under way.)
3	Graduate School of Frontier Sciences	Transdisciplinary sciences building	Add descriptions in Student's Handbook. Inform students at lecture for new comers.	・Prohibit riding in an elevator with cryogen. ・Use the freight elevator located north of the building. ・Display warning notice on elevator doors at each floor. ・At least two people must handle cryogen container. One puts cryogen container onto elevator,and the other receives it at destination floor. ・Put warning tag on cryogen container.(warning tag : Danger! Do not use this elevator.Cryogen transportation is under way.)
4	Graduate School of Frontier Sciences	Transdisciplinary sciences Laboratory building	Add descriptions in Student's Handbook. Inform students at lecture for new comers.	・Prohibit riding in an elevator with cryogen. ・Display warning notice on elevator doors at each floor. ・At least two people must handle cryogen container. One puts cryogen container onto elevator,and the other receives it at destination floor. ・Put warning tag on cryogen container.(warning tag : Danger! Do not use this elevator. Cryogen transportation is under way.)
5	Institute for Solid State Physics	Main building	Cryogen users must attend a training course of C.S.L. And follow safty rules on handbook. Also, we are ready to inform members of ISSP about the agreement on transporting cryogen in elevator. For newcomers, we give handouts at guidance. Regulations and information on cryogen use are also available on website of the ISSP.	・Use the freight elevator located northwest of the building. ・Basically, carry cryogen container with two people at least, and prohibit riding in an elevator with cryogen. –In other cases, you have to do as in list below. ・Warn others not to get in elevator. ・In case of sudden evaporation, get out at the nearest floor immediately. Warn others not to get in, and stop the elevator. ・Pay the utmost attention to prevent fall of cryogen container,for example by using the equipped safe step plate. ・In the case of small container,fix it tightly to the cart to prevent fall.

6	Institute for Cosmic Ray Research	–	Display a warning notice on both elevator and containers used in transporting cryogen. And informed all reseachers those who use cryogen.	・Basically, prohibit riding in elevator with cryogen. When ride with cryogen unavoidably, one must be ready to stop at the nearest floor. ・Basically, at least two people must handle cryogen container. One puts cryogen container onto elevator, and the other receives it at destination floor.
7	Atmosphere and Ocean Research Institute	–	To ensure the safety, we raise awareness about risk of cryogen transporting in the elevator, and use dedicated cart.	・Use only limited elevator for cryogen. ・At least two people must handle cryogen container. One puts cryogen container onto elevator, and the other receives it at destination floor. ・Use the warning tag inside the elevator door and use safety chain to avoid other passengers.
8	Institute for the Physics and Mathematics of the Universe			
9	Kashiwa research complex Building	–	To ensure the safety, we raise awareness about risk of cryogen transporting in the elevator ,and make facilities for it. –Details– ・Distribute the information documents. ・Arrange an elevator for exclusive use of cryogen.	・Use only designated elevator located northeast side in the building for cryogen. ・At least two people must handle cryogen container. One puts cryogen container onto elevator and the other receives it at destination floor,and avoid other passengers ・To prevent fall of container, handle it gently by hand or use secured cart.
10	Kashiwa research complex Building II	–	Carry cryogen container in at least two people. Use the cart with wired fense to prevent fall of container. Arrange an elevator for exclusive use of cryogen.	・Use only the elevator located eastside in the building for cryogen. ・Prohibit riding in an elevator with cryogen which use automatic operation. And at least two people must handle cryogen container. One puts cryogen container onto elevator and the other receives it at destination floor, and avoid other passengers. ・Put warning tag on the cryogen container or the trolley to avoid other passengers. (warning tag : Danger! Do not use this elevator. Cryogen transportation is under way.)