1st. February 2012

Radioactivity measurement at Internal Air Circulation Filter was conducted in January.

Measurement Result:

No radioactive substances (Iodine/Caecium) was detected with any of Products/Cleaning Water/Components, while Caesium was detected at Air-Conditioner's Filter for Internal-Air Circulation though, it is considered to have no influence to products. Please refer to the Fig.1 below for details.

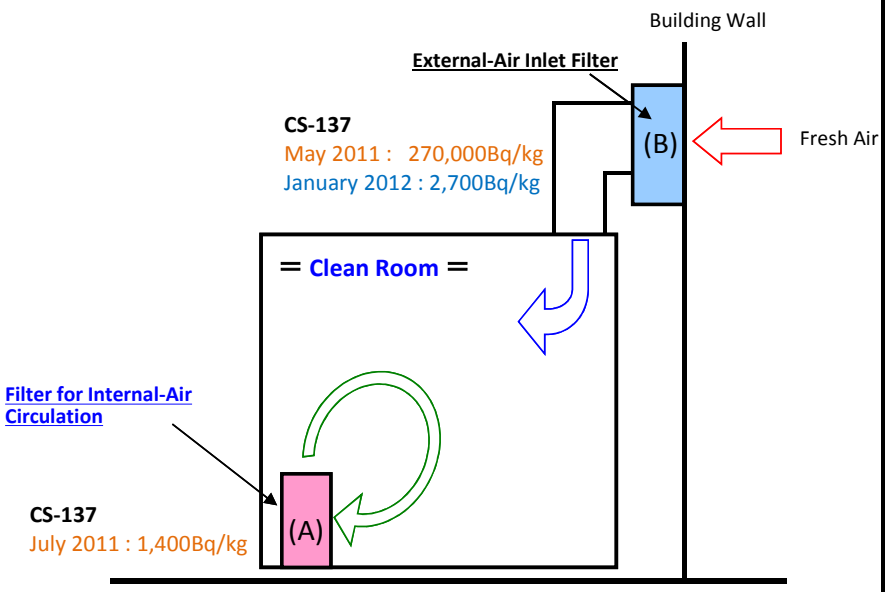
Table 1. Radioactivity measurement - January/2012

Sample Category	Nuclide					
	Iodine	Caesium			Radiation Dose	Notes
	I-131	Cs-134	Cs-137	Cs-136		
Unit	Bq/kg(L)	Bq/kg(L)	Bq/kg(L)	Bq/kg(L)	μSv/h	
Products (Needles)	ND*1)	ND*1)	ND*1)	ND*1)	-	
Cleaning Water	Measurement once in two months (Next February)					
Cannulae	-	-	-	-	ND*2)	
Components	Measurement once in two months (Next February)					
External-Air Circulation Filter	ND (Detection limit : 31)	**2,100**	**2,700**	ND (Detection limit : 13)	-	B in Fig.1

*1) No Detection (Detect Limit = 7~9)

*2) Background Level

Fig.1 Layout of air filters



Caesium was detected from an Air-Conditioner's Filter for External-Air Circulation, marked (B) in the Fig.1 above.
(Table 1. *1 Cs-137 : 2,700Bq/kg) This is the second time measurement after the accident (first time in May 2011), and as the last time we are considering this result as accumulation of radioactive substance in the air trapped through 8months.

(1) Value measured this time is considerably lower than the last time in May 2011 (around 1%).

(2) We have confirmed that the external filter eliminates most of the radioactive substance, and small portion passed through will be trapped at inner filter (confirmed in July 2011 measurement).

The amount of radioactivity in air around our factory had temporarily increased right after the accident though, there is no further increasement detected up to date. Since no radioactivity is observed with any products assembled inside this Clean Room, we are considering that there is no influence to the environment inside Clean Room.

END