

Radioactivity measurement for January was conducted.

Result:

No detection for cleaning water. Caesium was detected with External-Air Inlet Filter though, we are considering there is no influence on products (please refer to description below).

Radioactivity Measurement (January, 2017)

Sample Category	Nuclide				Radiation Dose
	Iodine	Caesium			
	I-131	Cs-134	Cs-137	Cs-136	
Unit	Bq/kg(L)	Bq/kg(L)	Bq/kg(L)	Bq/kg(L)	μSv/h
Cleaning Water	ND ^{*1}	ND ^{*1}	ND ^{*1}	ND ^{*1}	ND ^{*1}
External-Air Inlet Filter (Logistics /Sterilization Center)	ND ^{*2} (Detection Limit : 22)	ND ^{*2} (Detection Limit : 27)	47	ND ^{*2} (Detection Limit : 22)	-

*1) Local Government Report on Web (Period:2016/12/28~2017/1/25)

Detection Limit: around 0.5Bq/kg

*2) Not Detected

This is the 13th measurement. The detection at the External-Air Inlet Filter (Fig.1 ①), as the last time, is however showing the same degree of value as the previous measurements (Refer to Table.1 "Transition of Radioactive Caesium Detection" below). The detected Caesium is considered as the accumulation of natural radioactive substances contained within the airborne particle.

We have confirmed through the past measurement that the External-Air Inlet Filter traps most of the radioactive substance, and some portion which passed through the external filter will be trapped at Internal Circulatory Filter (Fig.1 ②). (Investigated in July 2011). Regarding the products, there have been no detection in several times of the past measurement and we consider there is no influence.

Environmental radioactivity measure has temporarily increased after the accident though, it is considered that there have been no further increase up to the present. Therefore we consider that there is no influence to the environment inside the Clean Room and the product manufactured inside this Clean Room.

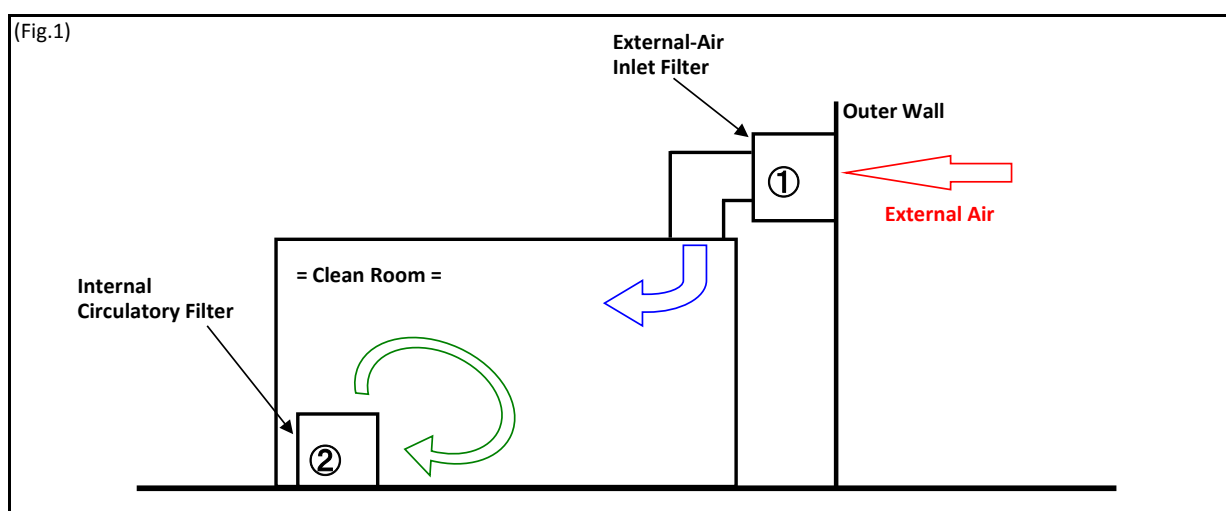


Table.1 Transition of Radioactive Caesium Detection

(Bq/kg)

	May. 2011	Jan. 2012	Jul. 2012	Jan. 2013	Jul. 2013	Jan. 2014	Jul. 2014
Cs-134	250,000	2,100	500	140	83	62	130
Cs-137	270,000	2,700	740	290	190	170	340

	Feb. 2015	Aug. 2015	Jan. 2016	Apr. 2016	Sep.2016	Jan.2017
Cs-134	54	22	ND	15	ND	ND
Cs-137	180	91	36	79	45	47