26th, March 2020

Radioactivity measurement for March 2020 was conducted.

Method:
The clean room air conditioning filters at three locations were measured and report the result that showed the maximum value. (Since

Result:
No radioactive substances were detected for tap water and the External-Air Inlet Filter. We are considering there is no influence on products as showed below.

Radioactivity Measurement (March, 2020)

Sample Category	Nuclide				Radiation Dose
	Iodine	Cesium			
	I-131	Cs-134	Cs-137	Cs-136	
Unit	Bq/kg(L)	Bq/kg(L)	Bq/kg(L)	Bq/kg(L)	μSv/h
Tap Water	ND *1	ND *1	ND *1	-	-
External-Air Inlet Filter (Saitama Factory)	ND *2 (Detection Limit : 17)	ND *2 (Detection Limit : 14)	ND *2 (Detection Limit : 20)	ND *2 (Detection Limit : 13)	-

*1)Tap water from Showa water filtering plant (Water at the water filtering plant exit): From the local government website (Period: 4th, March 2020 ~25th, March 2020)
Detection Limit: around 0.5Bq/kg
*2) Not Detected: Below the detection limit

This time it was measurement of the External-Air Inlet Filter (Fig.1 ①) and detection of radioactive substances has stabilized at a low value for the past several years.(Table.1 "Transition of Radioactive Cesium Detection" below).

The radiation dose in the atmosphere in the environment around our factory may change temporarily due to weather such as strong winds, but does not increase up to the value in problem. Therefore we consider that there is no influence to the environment inside the Clean Room and the product manufactured inside this Clean Room.

We have confirmed through the past measurement that the External-Air Inlet Filter (Fig.1 ①) removes most of the radioactive substance, and even some substances which passed through the external filter are further removed at Internal Circulatory Filter (Fig.1 ②).
(Investigated in July 2011).

(Fig.1)

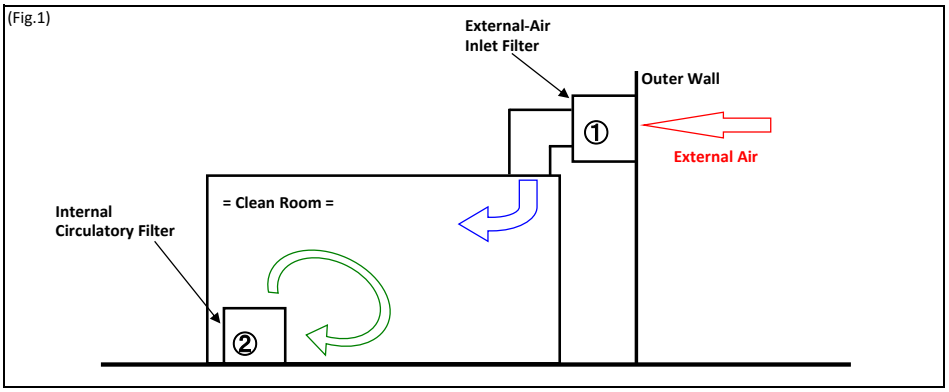

Table.1 Transition of Radioactive Cesium Detection

Measurement period		Cs−134	Cs−137
Year	Month		
2011	May.	250,000	270,000
2012	Jan.	2,100	2,700
	Jul.	500	740
2013	Jan.	140	290
	Jul.	83	190
2014	Jan.	62	170
	Jul.	130	340
2015	Feb.	54	180
	Mar.	22	91
2016	Jan.	ND	36
	Apr.	15	79
	Sep.	ND	45
2017	Jan.	ND	47
	Mar.	11	55
	Jul.	ND	ND
	Sep.	9	74
2018	Jan.	33	360
	Mar.	ND	56
	Jul.	ND	ND
	Sep.	ND	57
2019	Jan.	ND	62
	Mar.	ND	58
	Jul.	ND	100
	Sep.	ND	27
2020	Jan.	ND	51
	Mar.	ND	ND

(Bq/kg)